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Pages 160-161.

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Pages 160-161.

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llow · mm te. 40, 226 record

Jan. 22 1911.

2181-6 clipta alba (2.) Hussk.

Compositee. Between Corozal & Panama, in ditches. Fl. radiate, white with yellow enter.

2182 Tuirena umbellata Rottb.

Cyperaceae Between Corozal & Panama, along ditches.

2183. Typerus Aferscanus Kunthet.

Cyperaceae Between Corgal & Panama, in ditches.

2184 Echinochloa colenam Link.

Graminae Between borozal and Panama, in warte places

2185. Fyntherisma sanguinalis Dulac.

Gramine Between borozal and Panima, in waste places.

2186

Utrostichae etween bergal and Panama, in mangrove-noams.

2187- Cyperus Jeran L. C. Rich.

Cyperaceae Petween Corozal and Panama; in mangrove swamp.

2188. Boerhaavia viscosa Lag. & Rodr.

Nyetagynace Elween Corgul and Panama, along R.R. Inflor. viscose, fl. deep wale, Lather large. In stray plants, 40-60 cm. high.

Jan. 2 = 1911.

2109. Fulanthes

Compositae Between Corozal and Panama, in waste places. A weed, 40-60 m.

2190. Momordica Charaulia & Eucurbitaceae | Culebra, in pastures and waste places. Fl. cuplike. Fr. Juniform.

2191 Mikanea

Compositae

Culebra, in bushes on edge of landslide breezing. Fl. white.

2192 Hirtella americana Rubl.

Rosaceae

Jan. 3º, 1911. Between Miraflores and Corozal, in hishes. The shrub.

2193. Pyper hispidum bw.

Piperaceae

Between Mirafleres and Corozal, in bushes. Treelet or thub.

2194_ Bradburga Plumieri (Benth.)

Papilionstae

Between Miraflores and Eurozal, trailing on the soil or on

2195_Passiflera Geemannie Griseb.

Samploracene.

Between Miraflores and borozal, above tunnel. Chinhing on huskes. Before authoris, the calyx forms an air-tight globe,

2196 Lasiacis swartziana Hitche.

Graminae

Between Miraflores and Corozal. Divaricate, ling rammed . grass, cleinbing on bushes.

Jan. 32, 1911. · 2197. Erechtetes hieracifolier & Compositae Between Miraflores and Corogal, in waste places along road. 22/98_ Mimosa casta L. Minosaceae Between Miraflores and Corgal, climbing on bushes; very sping. Rubiaceae å 2/99- Frestia Haenkeana D.C. Between Mirafleres and Corgalin bushes. Small tree, 2-3 fm. high. The yellow turning to purplish brown. Fr. red (?). 2200 Heurman Musiceae Beforen Miraflires and borozal, in hushes. Inflor. pale yellow. 22.61. Between Mirafleres and Corgal: futer in furhes. Balsalpiniaceae Between Mirafleres and Corgal, in waste places. Small, thorny 2202 Bankinia (Pauletia) tree. 2 m. high and divaricate. Fl. green. 2203. Justicia carthagonensio L. Manthaceae Between Mirafleres and Corozal, along RR., a single plant. Fl. purple or violet, with white scalariform design inside - Fr. 4- Herne 2204 Nymphaea Nymphaeaceae Between Miraflores and Engal, in ditches.

2205. Eupatoreum odoratum G.	Compositae	Jan. 3? 1911 Corozal, everywhere in waste places. One of the commonent species of the serves
22206 My 10 1 months 200 1		Near Corozal, in water ditches, gregarins
	ja j	
å 2207.	Compositae	Corozal, common in waste places and along R.R. II. sink.
2208. Urena sinuata L.	Malvacere	Corozal, along railroad, apparently rare. FR. wind.
2209		Borgal, on bushes in low, swampy ground. FF. golden yearly. Very striky.
2210_Dicranella Herminieri Besch.	Musce_	Between Miraflores and Cornal, ahundant on steep RR. talus.
2 2211. Ficus glancescens Liehn.	Morauae	Jan. 4th 1911. Anowind Carlebra, a large tree. Tig green, flowers pin R. Appe. rently the later is quite watery or observed
2212-Chaetocalyx latisihqua	Papilionatae	Around buletra, trailing in grass. Ft. yellow.

2213. Borreria spinosa (L.) E.& S.	Putiaceae	Jan. 4th 1911. Armind Culebra, in partines and along roads. Ft. White.
2214. Byettmerioe carthagenensis Jacq.	Herculeacene	Around buleha, in bushes, trailing and thorny.
å 2215. Browalka demissa G.	Tolonaceae	Oramo bulehra, in bushes and waste places. F. purplish blue
2216. Phyllanthus a cuminatus Vahl.	Euphorbiaiceae	Arand bulehra, in pastures. Small tree. Ff. mush, greenish.
2217- Justicia pectoralis Jacq.	Acanthaceae	Around Eulebra, in partures and hishes. F. sink.
2218. Cissampelos pareira 2.	Menisperma ceae	Armind bulehra. Jame as n:
2219. Sida rhombifolia I.	Malvaceae	Armed Calchra, in bushes. A hushy, divariente shoub, about 1 m. hejh.
2220. Prestonia macrocarpa, Reus	& aponynaceae	Arams buletra, climbing on huskes. No later. One flower at a time. The vat yellar, tirulose, corolla lokes white, pink tinger

2221 Siphocampylus	Campanulacere	Jan. 4, 1911. Around Culchra, in cool places along needs. Fr. pink. Fr. a capule.
2222-Callisia	Commelynaceae	Araind bulehra, in shady places along rimlets. It white
2223	amaranthaceae	Around bulehra, near houses. Fl. pink. Green Back (See tuk). Du montonea?
2224	Filices	Arand bulebra, along ereeks, in wol, shady places
2225	Fileies	Araind bulehra, in shady places along creeks.
2226-Panicum pulehellum Raddi	Gramineae "	Around Eulehra, ni shady places along oneeks.
2227. Physalis Angulata L.	Golanaceae	Armond bulehra, in warte places. Glancins and incontent. Fr. lasge, edithe.
2228. Cordin		Arumd bulehra, in Lushes. Ft. white.

The second statement of the second se

		of 1th 1011
2229-Winadula excelsion (Cav.) Prest.	Malvaceae	Tan. 4th 1911. Arnend bulebra, in huskes.
2230 Somola Salymithes P.J	5. Convolvulaceae	Arand Culebra, along railroad. Fl. sulphur yellow, open in the afternoon.
à 2231 Clitoria arborescens Ait.		
2232	Compositar	Armod bulebra, along R. R. Ft. sulphur yellow.
2233. Meibonnia aspera (Poir.) Kuntze	Leguminosae	Arnond bulehra, in rich ground along R.R.
2234. Contentea Espicata Aubl.	Gentianaceae	Around buleha, in RR. cut. Fl. white.
2335 Meteoriopsis patula (Sw.) Broth. Bryum coronatum Schwaegr.	Masci	Around Culebra, on trunks of Clasis molano cocca.
22336-Cordeà alba Roem. & Scho N.vUvillo, uvero	Borraquiaceae	Jan. 6 th 1911 Gorgona, shade tree in the village. Fl. white, large.

Jan. 6th 1911. 2237_ Parmentiera cereifera Geem. Gorgona, wie the town. It. white. Inall tree, ramified from the base. Bignoniaceae Flowers mostly on trunk and thicker links, but also m twigs. Calya green, tinged with from. Corolla, stamens, styles and rollen white. 2238. Blighea sapida Km. Sapinda ceae Girgona, frequent around houses. Fruit edithe. akel (Jamaiean). 2239 Hyptis mutabilis (Right) Labiatae Around Gergena, in parties and warte places. He nobet purple. 2240 Hyptis Tabiatre Between Golgbon and Mamei. Spikes longer and denser than the preceeding . 2241 Nertandra globasa (aubl.) Me Lauraceae Between Gorgona and Mamei. A tree in postures. 2242. Thomosa Catharlica Voir Convoludause Between Gorgona and Mamei, in weste places. Fl. pinkish. Alue, 2243- Justicia carthageneusis L. Acanthaceae Between Gorgona and Manoi, in waste places. Il. violet. 2244 Tromora (Calonyction) Convolverlacare Between Gorgona and Mamei, trailing on re talus. Il white, half closed at gam.

	Jan. 6 1/2
2245. Cardi ospermum grandiflorum hv. f. elegens Faquin da	cease Between Mamee and Jorgona, trailing on R. R. tilus. Th. white.
2246. Cormos Candatus HBK, Com	hositae Between Mamei and Gorgma, common in waste places. T. pink
2247_Phaseolus hirzutus Mart. Legu	imenosae Between Mamei and Gergme, trailing in waste places. Fr. rether large, yellow. Ports having.
2248 Cessus	Between Mamoi and Gergma, Trailing. Fl. green.
2249. Casearia 2	rtiaceae Between Mamei and Gorgona. Gnall tree. Fl. white, very numerous, caducous.
	idaceae Between Marnei und Gorgma. From. Fl. greenish or purplish.
	n'aceae Near Mamei in cool, wet places.
2252 Polyp	vdiaceae Near Mamei on humid side cut.

2253. bleocharis geniculata R. Br.

Mear Mamei, in ditches along railroad.

2254. Timbristylis dijohylla Vahl

Near Mamei, in ditches along railroad.

a. 2255. Gorocea affinis Hemst.

Moraceae On bulcha Hall, a small tree, of fl. only.

2256. Twantzia? Counatea simplex (Sw.) Tauk Caesalpinian On Culebra Hill, a small tree with dark foliage and yellow flowers.

2257

2 2257- Ruellia Julgida Andr.

Jan. F. 1911. RR. relocation, between Mamei and Gatun. Fr. scarlet red. therfaceous.

2 2258. Begonia serratifolia 6.26.

Begoniaceae RR. relocation between Mamei and Gatun, on side-cuts.

2 2259. Counefortia

RR. relocation between Girgina and Gature, in edge of frest. H. white.

2 2260. Smelan

RR. relocation between Gorgma and Gatun, in frest.

2261_ Piper	Piperaceae	Lan. J. 1911. RR. relocation between Gergma and Gatun, in forest. Treebt. 2-3 m. high.
. 2262. Philodendron Karstenianum Schott.	Araceae	RR. relocation between Gergena and Jatun. Existylic.
2263. Piper	Piperaceae	RR. relocation between Gorgena and Gatun, in dark forest. Trelet 3-4m. high.
2264. Aphelandra auriculata Lindau	Acanthaceae	RR. relocation between Gorgma and Jatun, in forest. Bushy,
2265	Rufiaceae	R.R. relocation between Gorgona and Gatun, in frest. Fruit red.
2266. Trychotria Pettiere Handley.	Ruhiaceae	RR. relocation between Gorgena and Galun, in firest. The white.
2267. Piper	Si peraceae	RR. relocation between Gergena and Jatun, in firest. Luffrutes.
2268. Blechum Brownse Jus. Blechum Costariceuse Derst. E.C.L. 2	Acanthacere.	RR. relocation between Gorgma and Gatun, in frest. Ft. riolet.

Anonaceae RR. relocation between Gorgona and Jatun, in frest. A small tree, 5-8 m. high. Fl. yellow. Fruits /unripe/green. [Wood sp.). 2. 2269 2 2270_ Aphelandra Ginclairiana Mes. Cleanthaceae RR. relocation between Gorgma and Gatun, in sunny edges of forest. May be same as 2264, but fl. scarlet red. 2.2271 RR. relocation between Gorgena and Gatun, in frest. Ft. /wolle or calya? Tubulose, purplish green. 2 2272 Bromelia can RR. relocation between Gorgena and Gatun. Epiphytic. 2.2273. Lopimia dasypetala (Eurcz.); Malvaceae RR. relocation between Gorgona and Gatun, in many edges of first. Gutfrutesant, & I'm. high, divariant. To pink. 2274. Spomoe a Syringaetolia Meisi Convolulaceae RR. relocation, behoven Girgma and Gatun, in sunny places. 22. 2275. Petraca Volubilio Jacq Verbenaceae RR. relocation, between Gorgma and Gatun, in front. A vine?

Calyn and cirolla violet. Harmodorauce RR. relocation between Gorgona and Gatun, on ride-unto Benis

Jan. 7 1/4 1911 1 = 2277 Marantaceae RR. relocation between Gorgona and Jatun. In forest; fl. 22 22 For anthurism Graceae RR. relocation between Gorgona and Jatun. In firest, epiphyte 292279- Piper reticulatum L. RR. relocation between Gorgona and Gatun, in firest. A tree, Ciperaceae 4-6 m. high. 22 2280- Peperomia gatunensis C. DE. RR. relocation between Gergma and Gatun, in frest. Epi-22281 Golanaceae RR. relocation between Angona and Jatun, in sunny kedges of firest. Fl. nidet, fr. red. 22282. Gesneracese RR. relocation between Gergona and Jatun, along shady creek. The fire or golden red. 2283 Anguria Warsewilgin Hook f, Cucurbitace RR. relocation between Gorgona and Gatun, in firest. Il. of only 121, red. 22284 Jeontonie. Falme RR. relocation between Gergena and Gatun, in Jerest.

		Jan. 7th 1911.
1° 2285. Fobralea fragrans Lindl.	Orchi daceae	RR. relocation between Gorgena and Gateen. Epiphytic F. yellow (according to Mrs Gailland).
2226. Pouronna	Meraerae	RR. relocation behveen Gorgma end Gutun. A middle sized tree.
2°2287. Erythina costaricensis Micheli	Papilionaceae	RR. relocation between Gorgina and Gatan. A low spiny shrub. Flowers scarlet red, in deuse spike.
2 2 2 8 8 -	Compositae	Arand Culebra, in particues and waste places.
22299	Amaranthaen	Around Culchra in partices and waste places.
2290. Helicoma mariae Hook	Musaceae	RR. relocation between Girgona and Jatun, everywhere in summy damps "places along edge of forest. Bracts purple red. Girkes hanging
2291. Heliconia slougata (Eruggs)		RR. relocation between Gorgona and Galun, the commonest species, everywhere in new cleanings. Bracts red, yellow and freen. Spikes erect
2292 Synechanthus Warscewiezianus U	Palmae Veudl	RR. relocation between Gergma and Gatun, in frest. Thereword Corunek Honder, 1.5-2" high. (Alcol. spec.)

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		Jan. 7th. 1911.
- 2293_	Palmae	RR. relocation, between Jatun and Jorgina, everywhere in fresh
The Affect of the		Spadie red (i.e. the stender rachis). Hems stender, smooth, 5.7 mhigh,
2:2294	Fungiis	RR. relocation between Gatun and Gergma, on dead trunks. White
		afrie, = grayish below.
2295	Salmae	RR. relocation between Jatun and Jorgena, seems common. Hems
		* slonder, smooth 6-8 th high. & & of spadia on same trunk. Alc. sp.
2-2296	Tungus	RR. relocation between Gorgma and Jatun, on dead wood.
2297	Fungus	RR. relocation, between Gergena and Gatum, on dead wood
2298	Fungus	RR, relocation between Gergena and Jatun, m dead wood
2299	Fungus	RR. relocation between Jorgona and Gatum, in dead wood.
2300. Philodendrm Wasserviczii C. Koch.	Araceae	RR. relocation between Gergma & Gatum. Epiphytie.

		Jan. 10
- 2301. Carludorica	Cyclanshaceae	Cerro Gordo, near bulebra, commen in bushes. Leafstalks ±
		2 m. long. Influescences (with styles) whitish.
2302. Manihot utilissima Pohl.	Eugher biaceae	Ceno Gordo, near bulebra, in "rastrojos. [firmer cultivations]!
2303. Aprila Eibourbon Aut. Corteza, used to make repes	Ciliaceae	Cerro Gordo, near bulebra. A little tree with flat, spreading orown. Soles of balya adhering at top just before antheris.
2304. Aristolochea	Aristolochiaceae	berro Gerdo, near bulebra, climbing on huskes. It. mull, greening exist purple spots.
2305. Heliocarpus appendieulatus Eurcz. Majaguillo	Ciliacere	Cerro Gordo, near bulebra, a small tree 6-8m. high, with shim. dant greenish yellow flossoms.
2306	Marantaceae	Cerro Gordo, near bulebra, in hollow, fresh places. Leaves white
		below. Corollal caducous, nelphur yellow.
2307 Costus	Zingiberaceae	beno Gordo, near bulehra, common in bushes. Hems 3-4 m. high, naked except the top. Flower one at a time, white, broadly
2308_Cissus		beno Gardo, near bulehre, trailing on huskes; fl. red.

OF THE PERSON NAMED IN COLUMN

- 2309. Inga marginata Willd.	Leguminosae	Jan. 10th, 1911.
	- ywww of ae.	Cerro Gerdo near bulebra. A small tree.
2310	Pilices	Cerro Gordo near Eulebra. Epiphytic on Attalea.
2311 Dalechampia triphylla Lam.	Euphorbiaceae	beno Gerdo near bulebra, trailing in bushes.
2312-Cassia oxyphylla Kth.	Leguminosae	Cerra Gordo near Culebra. Ereelet, 2-3 m. high. Fl. dup yeller.
23/3. Adelia barbinsrois Schlink.	Cupherhiaceae	Cerro Gordo near bulebra. A bushy small tree, 4-5 m. high, branching from the base.
2314 Connarus panamer	isie Brisit:	Cerro Girdo near bulebra, a small tree, 2-4 m. high, often reclining. Fl. small, white.
Casearia sylvestris Sev.		Cerro Gordo near Culebra, a small tree, 2-4m. high. Fruits enly.
2216. Cochlospermum hibiscoides Kunth.	Binaceae	Cerro Gordo near bulebra. Small thecidums tree. Prefleration involutes, from right to left . Leaves are often on at anthonis.

Jan. 11 1/2 Culebra, on attalea Palm trunk. Jan. 10th 1911. - 2317_ Octoblejsharum albidum (L.) Hedw. Musci 2318_ Fieus verrucosa (Liehn.); Moraceae Culebra, strangling an Attalea Palm- Jan. 10, 1911 Jan. 11th 1911. 2319-bassia baccilaris L.fil. Caesalpin cacen Between Rio Chilibre and alhajuela, Chagres Valley. Thrub 9-2m. 2320 Acisanthera quadrate purs, Melastometac. Savana de , between R. Chilibre and Alhajuela. Hertacenes, erect; fl. pink. 2321. Rynchospera barbata (Vahl) Kunth. Cyperaceae Savana de , between P. Chilibre and alhuejusta. a 2322_ Schultesia heterophylla Mig. Gentianaceae Garana de , between R. Chilibre and Alhajuela

2323-Uragoga tomentosa

Ruhie ceere Garane de

, between R. Chilibre and Alhajiola; en edge

\$324_ Orthoclada rariflwa Beauv.

Graminas

Forests between R. Chilibre and Alkajuela

			Jan. 11th - 1911
	2325. Folanum	Tolanaceae	Along trail between R. Chilibre and Alhajuela. Thrub, 2-3 m. high. Fr. white
4	2326 Aristolochia		Along trail between R. Chilibre and Alhajuela. Erailing.
- V	2327. Sacciolepis Myuros Chase.	Graminae	Savana de , between R. Chilibre and Olhajuela.
	2328	~	100 + 10 0 1 0 0 0 1 1 0 0 1 1 1 1 1 1 1
a	2328- Heliconia	Musaceae	Along trail between R. Chilibre and Alhayuela. Bracts yeller.
The second secon	2329-Lepidagathis alopecuroides (News) Lini dan	Rea hattetacea	Savana de , behveen R. Chilibre and Alha juela.
	2330_ Pedilanthus	Euphorbiac.	On dry forested hills armidalhajuela. TP. ningle, breats green & red.
	233/	Compositae	Dry, wooded hills around alkajusta. Herbac., about 2th high.
	2332.	Compositae	Dry, wooded hills around alkajuela, hubfrutione; fl. orange.

		Jan. 11th, 1911
2333. Ruellia Haenkei Mees/Linda	uc Acanthaceae	Dry hills around Alhajuela, Fl. purple. Gregarious
2334. Quamoclit	Convolindace	Dry hills around alkajuela.
2335. Ichnanthus pallens Munro.	Graminae	Dry hills armind Alhajuela.
2336. Justicia secunda Vahl.	asantheceae	Dry hills and along Chagres armod Alhajusla. The incarnate
2337- Neurolaena lobata. Viborrana	Componita	Along trails and in hishes around Alhajuela.
0.000 1.00		\mathcal{L}

2338. Chaetochlangs panamensis Lendan. Acanthaceae aling shady trails around alhajuela.

2339. Olyra latifolia G. Gransin. Dry Sandstone, wooded hills armed Alhapiela. A bambe, with Monder, trailing cases.

2340. Benshamantha caribaca [Jacq.] Milles. Le germina Along trails around Alhajuela. Fr. purplish yallow.

	2341 - Quamoclit	nvolvulacese	Jan. 11, 1911. Open, numy places around Alhapiela.
a	2342. Lasiacis divaricata Hitche. G. G. barrizollo	raminae	In dry forest's around Alhajuela. Covers the cliffs in over- honging masses altong bhagres R.
	2343. Casna biflora L.	aesalpiniacen	In dry open places armod Alhaquela. Fl. yellow.
a	2344. anthurum crassinerviim Jeg. Schott.	araceae	Epiphytic in dry firest's armed Alhagiiela.
	2345	L'oasaceae	Gravel beach of the Chagres at Polhapiela, probably brought found by floods. Geaves thorny, thick, purple below. The bright gellow.
	2346. Paullinia glomerulosa Radlk.	Sapin daceae	Bushes around Alhajuela, a vine with red fruits.
	2347	Fileces .	Low wood along Chagres around Alhajusla.
4	2348, Cyperus simplex H. B.K.	Cyperaceae	Damp places along Chagres at Alexaela.

Jan. 11th 1911.

On rocks along Chagnes at Alhaquela

2350. Neckera disticha Hedw. Musci.

In trunks and tree branches along Chagres at Alkajuela.

Tilices

On rocks along Chagres at Alhajuela

Gras

Dry firesto around alhajuela.

Filice ?

On rocks along Chagres at Alhajuela.

2354.

2352. Panieum Trichvides Sv.

Leguminosae blearings along Alhaquila. F. purplish, rather undeveloped.

2355- Syco-con-

2349- Gelaginella

2351

2353.

Compositae Dry, nunny bushes around alhajuela. Capitules large.

2356 .

Commolynaus Thate of boffee trees behind the house at alkajuela.

Jan. 11-12-1911. 2357. Benderanthemum enspidatum Radlk. Acantheceae arund station house at alkajuela. 2358 Elaterium Lougiflorenn Countitaceae In shady places at Alhajuela. Fr. deep yellow. 2359 Melothira quadalupeuxis Cucurhitaceere In shady places at Alhajuela. F. pale yellow, Sandillita (Spreng.) Cogn. 2360 - Ditaxis macrobotrys Pan. & K. Hoffen Conferenceae In shady places at Alhajuela. Fl. yellowith white. 2361. Calycophyllum candidissemum D. E. Rutiaceae Dry forests around alha juela. A middle sized tree, with ascending limbs. Mazano irregular, elongate crown, straight trunk and reddish, stringy or scaly Jan. 12. 1911 2362. Gelaginella Between Alhajuela and El Vigia, in firest. 2363. Casna ni caraquensis Beuth. Caesalpiniace ac Between Alhajuela and El Vigia, in frest. 2-3 m. high. Fl. golden yellow. Gregarins 2364_ Commelynacera Between Alhajuela and El Digia, in frest. Gregarines. Th. white.

Jan. 12th, 1911

2: 2365 Peserdabrutilon spicatum (H.B.K.) R. 3. Fries. Malvaceae Between Alhajuela and el Vigia, in cleanings. Thrub, 2 "high.

232366. Cleome

Between Alhajuela and El Vigia, in firest. The greenish white.

23 2367 bassia pilifera Vogel.

Leguminosae Between Alha juela and El Vigia, in summy classings. Thul 2.3 m. high

2:2368_Clitoria arborescens Ait.

Leguminosae Between Plhapiela and El Vigia, in high frest. A large vine, climbing on the highest trees.

2:2369. Peperomia

Piperaceae Between Alhajuela and El Vigia, in dark Juest. On stones and trunks.

2370 Gelaginella

Between Alkajuela and El Vigia, ni dark forest.

2371. Cournefortia

Borragina de Between Alhajuela and El Vigia, in cleanings. A shoul; fl. white

2372. Psychotria undata facq.

Rubiaceae Between Alhajuela and El Vigia, in shade. Low shrub; fl. white.

Jan. 12 1/2 1912

2 2373. Costus

Zingiberaceae Between Alhajuela and El Vigia, in cool places. Fl. orange red. Plant abent 50 cm. high.

2 2374. Liparis elata Lindt.

Orchidaceae Between alha niela and El Vigia, in shady frest. Cerustrial

2.2375

Marchantiaceae Between Alha puela and El Vigia, in shady forest, on mony timeths

2. 2376. Cuphea Calophylla C. TS, Lythraceae Rocky banks of Chagres at El Vigia.

2 2377 Cuphea Calophylla C. 75, Lythraceae Rocky fanks of Chagres, at El Vigia.

2378. Duggena rudis Handley n. sp. Rubiaceae Thady places along Chagres at Et Vigia

2 2379- Enychotria leuconeura Standley

Rubiaceax Tabana de Marcelito near El Vigia, en edge of frest. Th. white

2380. Bradburya angustifolia (HH. K.) O. Kze Le gurninosae Gabana de Marceleto ñear El Vigia. FF. junkish-purple.

Jan. 12 \$, 1912

Modestomica

en Sabana de Marcelito, near El Vigia, in Mady places

2 2382 Clidenier rubra (Aubl.) Met. Melastomacen Labana de Marcelito, near el Vigia, en edge of frest.

2 2383

Compositae Gabana de Marcelito, near El Vigia.

22384- Polygala hygrophila H.B.K.

22381. Paspalum Lloydii

Polygalaceae Salana de Marcelito near El Vigia

2 2385_ Polygala timoutou aut.

Polygalaceae Galana de Marcelito near El Rigia.

238%

Compositae Sabana de Marcelito near El Vigia. Shrutty.

2387. Erriosema crinitum (H.B.K.) Im.

Le guminosae. Sabana de Marcelito, near El Vigia. Fl. jaunes

2388. Berreria tenella (H.B.K.) E. & J.

Rubiaceae Sabana de Marcelito, near El Vigia. Pl. white.

Jan. 12 th 1912 22389- Hyplis lautamifolia Part. Emphritax Sabana de Marcelito, near El Vigia. 22390 Melochia Grachiata Brix. Strouliaire de Marcelito, near El Vigia. Talana de Marcelito, near El Vigia. Skrubby, 0, 5-3 m. high. 2 2391. Chameacrista diphylla [L.). 22392 Clidenia dentata Don Melastomacene Salana de Marcelito, near El Vigia, on edge of forest. En Mul. F. Gelaginellaceae Firests arund El Vigia, in shady places. 2393- Telaginella Pontederiaceae along R. Chagres between El Vigia & alhajuela. Fl. white 2394_Heteranthera reniformis R.S.P. 2395 Schwackala cufheoides (Beuth) Cogn. 2396. Togonopus speciosus Thum. along R. Chagres between El Vigia & alkajuela. Torcelet: tracts purplish; corolla purple.

Jan. 12 th 1912.

2 2397. Macrocnemum glabrescens Benth. Wedd. Rutiaceae

along R. Chagres, between El Vigia and alhajuela. A small tree. Leaves shining above, glancous below. Il. pink.

2 2398. Nestandra reclinervia Lauraceae Gigna Meran

along R. Chagres, between El Vigia and alkajuela. U tree, 20 high. Pl. white.

2 2399. Pieramnia simbrosa Seem. Simaruba ceae Armed Juan Mina, on the Chagres. A small, umbraculiferms tree.

2 2400. Jatropha Curcas L.

Euphorha'ceae Juan Minas, near huses (never seen will).

2 2401. Ossaea dwersetolin (Maist) Cogn

Melastomat. Around Juan Mina - A low shows; fl. pinkish

2402 - Justicia secunda Vahl.

Gamboa, along the Chagres.

along rio Chagres, between El Vigea and Alaquela

2403. Marathrum

2 2404 Clasis melanococca Gaertr. Corozo colorado

Jan. 15th

Salmae Ground Culebra. Low trunk Jup to 1.50. 9 racemes with a thick spadix and angulose franchlets ending in a thern. Verianth Ham. 6, the filaments forming an urceolate tube. Male racimes smaller, soften, the ends of the spikelets less printes. 4 2405 - Clitoria arborescens Ait.
= 2231, 2368 !!

22406. Erigonidium Sermanni Rehb. J.

å 2407-Bomban panamense Pitter

2 2408. Tobralia decora Batom.

9 2409. Epidendrum latilatre Lindl.

2410 - Maxillaria crassifolia Rehb. fil.

2411 - Lockhartia pallida Rehb. f.

2412

Leguminosae around Gorgona, forming a shruthy hush. Note change of habit when the first is destroyed (boll by bod. Gailland).

Orchidaceae around Gorgena, epiphytic - bult. by Mrs Gailland.

Bombaceae Un isolated tree at bulebra, about 20m. high, peeling like sycamore. It. white, erect, the stamons forming a cruon. Blooms in the morning. Bank greenish gray. Very few old leaves when in bloom.

Orchidaceae From around Gergena, cult. by Mrs Gaillard. Calya rink, inner segments darker.

Orchidaceae From the Savana in Panama', wet by Mrs G. - Fl. greenish yellow, novet scentes. (On Crescentia).

Orchi daceae From around Gorgona, cult. by Mrs GiFl. pale yellow, the tips of calyx green.

Orchidaceae From around bulebra, cult by Mrs Romsseau. It greenish white.

Lichen Euletra, on bark of anacardium occidentale.

Q	2413		Lichen	Jan. 15- Coulebra, on bark of Persea gratissima.
*	2414		Lichen	Culebra, en bark of Inga n° 2423.
y	2415		Lichen	leulebra, on bark of Inga n° 2423
	2416		Lichen	Culebra, on bark of Inga n° 2423
V	2417		Lichen	Culebra, on bark of Inga n° 2423
	2418	,	Lichen	Culebra, on bark of Inga n° 2423
	2419	•	Lichen	Culebra, on bark of Inga n° 2423
	2420		Marchatiace	Culebra, on bark of Siga nº 2423

2421 Marchantiai. Culcha, in bark of Frega nº 2423. 2422 Bombacopsis sessilis (Benth.) Pettier Bombacaceae bulebra. A small tree, 10 m. high, smooth greenish bark, Hooming with all leaves on. Petals longer than the stamens, half green (past evered) half greenish purple / part expend); filaments white, style pink. balya tuhulne. : 2423. Inga spectabilis Willd. Leguminosae Jan. 17-18 th 1911.
Porto Bello, behind the village-Epiphytic 2424. Philodendron Hoffmannie Schott.? Porto Bello, in frest. Inb. arhores and 2425 . 2426 Clidemiadepleana Stend. Melastonau Borto Bello, ni ferest. Rulesant, low hish. 2427. Hygrophila brasiliensis Spr. Kindau Acanthaceae Porto Bello, in swampy places. Fl. white quianensis Hees 2428- Esper-dilatatum Rich. Siperaceae Vorto Bello, on førest edge. A treelet, 2-3 m. kigh.

Jan. 17-18- 1911. . 2429. Piper. Porto Bello, on firest edge. A treelet 2-3m. high. : 2430. Séparuna Monimiaceae Porto Bello, in firest. A small tree, 2-: 2431 Bromeliauere Porto Bello, in firest, epiphytic. Porto Bello, in forest, epiphytic , 2432 2433 Bychotria Chagrensis Staull Rubiaceae Porto Bello, in forest, a low bush. Flowers white. 2434. Freblacanthus cordatus, Lind. sp. nov. Amothacea Porto Bello, in shery forest. Fl. purple, caducous. 2435 Micania barbinervie Triana Melastometeren Porto Bello, in shady ferest. Young flowers? 2436. Paullinia mallophylla Radlk. Sapindaceae Brito Bello, in shady firest, Il vine, with alusters of white Havers, in arils of leaves.

Jan. 17-18 th 2437. Vismia gluanensis (aubl.) Vers Porto Bello. in shedy firest. Fl. greenish white; a trealed 3" high : 2438. Siper aduncum lawifolium 6.26. Porto Bello, on firest edges. A treelet, Piperacen 2439. Hemoria Hyptis verticillata Jacq Porto Bello, in swampy meadows. 2440 arisanthera poludosa Mart.) Trium. Porto Bello, in shady, swampy places. 2441. Siper auritum amplifoleum 6.86. Signeraceae Borto Bello, on ferest edge; sullignous, with hollow stems, 2.3. 2442 Gerophularirea Porto Bello, in swampy meadows. Plewer purplish flue. 2443- Panicum lanum Gw. Porto Bello, in swampy meadows. Grammae 2444. Paspalum congrigatum Berg. Graminae

				Jan. 17-18th
q	2445	- Kyllinga pumila Michx.	Cyperaceae	Tan. 17-18th Porto Bello, in swampy neadow.
	, 9 -			
*	2446	Gesneria tubiflera bev.	Gesneraceae	Porto Bello, en old walls, common. FR. tuhulose, red.
1	. 1		(Cav.) Haud	
ò	2447			Porto Bello, en old walls.
		•		
9	2448.	Peperomia	Piperaceae	Porto Bello, epiphylie and on old walls.
	2449	Salvia micrautha Valle	Letiatae.	Porto Bello, on old walls.
	2450	Mucuna rostrata (2.) D.C.	Legumin	Porto Bello. A vine clinking high up in trees. Flower
4			<i>g</i>	Porto Bello. A vine clinting high up on trees. Flower in henging spike, golden yellow, very large
	2451			
				Porto Bello, in noampy places. Flowers pinkish white. Ytems reddish.
4	.2452.	Oldenlandkå herbacea	Rufinceae	Porto Bello in noampy places.
4				

2453-Cleocharis acicularis, L./R. Br.	Cypera ceae	Jan. 17-18th Porto Bello, in noampy meadows.
2454. Lachne trachysperma	Graminae	Porto Bello, in swampy meadows.
à 2455- Timbristylis diphylla Vahl.	Cyperaceae	Porto Bello, in mampy meadows.
2456.		Porto Bello, in noampy meadnos. Flowers white
2457	Composition	Porto Bello, in huskes, noampy places. Fl. while.
2458. Meisomia supina (Sw.) Britton.	Leguminosae	Porto Bello, in noam py meadows. Fl. pink.
2459- Jussiena Ruffruticasa	L.	Porto Bello, in swampy meadons. Fl. yellow.
2460. Hydrolea spinosa		Porto Bellow, in swampy meados. Giny, fl. azure Hee
	•	, ·

Jan. 17-18 th 2461. Passifira vespertilio L. Porto Bellos, in wampy meadow. Pl. while. Passifleraceae Porto Bello, in many meadur. Fl. white - 2462 2463. Meilomia Porto Bellow, in nvempy meader. F. pink. 9 221164 Godonanthe Calcarata Haust. Porto Bello, in dark firest. Epiphytic. Ff. white. 2465. Hachytarpheta Journai censis (1) Walil Porto Bello, in waste places. Loggeraceae Porto Bello, in swampy meadows. 2406. Cyperus Luzulae Rotto. 2467_ Wedelia trilobata (L) Attoliz Compositae Porto Bello, in the Leach. Orchidacen Porto Bello. Egiphytie. Fr. yellow. 2468: bolystacky i masayensis Robb. f.

Jan. 17-18 th 2469- Peperomia pellucida pygmaca Mig Piperaceae Porto Bello. Cerrestrial on swampy ground. 2470-Heliotropium indianne Borraginaan Porto Bello. along the heach. 2471. Fromvea balyanthes R. 83. Porto Bello. In open, runny places. Fl. yellow. Capparidaceae Porto Bello, in mampy, mmy places. The white, tinged pink. 2-12472. Cleome polygama L. 2473 Bromeliau Porto Bello, epiphytic. · 2474-Passiflora Porto Bello, in waste places. Fl. white. 2475_ Apocynaceae Porto Bello. in swamps. Fl. white, with golden throat. Porto Bello, in firest. a small tree, 5-7 "high. Brack scarles, 2476. Togenosus Spectosus [Jacq.] Schum. Rubiaceae Corolla jurgle.

Jan. 17-18 th 2477. Piper Porto Bello, in dry firest at the old cartle. Gramin. Porto Bello, in forest, castle hill. 2 2478: Panicum fasciculatum Sw. Porto Bello, in cleanings 2479 Eleusine indica Gaertn. Graminae Perto Bello, in clearings 9 - 2480_Paspalum emjugatum Berg. Gramin. Porto Bello, in cleanings. 2481. Panicum julvsum Sw. Porto Bello, in dry firest. A shrub, 4-5 m. high. It. junple. 2482_ Aphelandra Ginclairiana Nees. 2483. Bychotrea marginata hv. Rutiaceae Sorto Bello, in firest. Te. pale, yellow 2484. Quatterià amplifolià Er. & Planch. Anona ceae Porto Bello, in frest, Il. pale yelloro. A small tree 5-7th high.

		Jan.	17th-18th.
ď	2485	Cucurbitaceae	Porto Bello. Ift. of an epiphytu vine growing high on trees.
			brolla whitish freen.
*	2486. Calathea		Porto Bello, en castle hill.
y			
٥	2487- Vhera	Urticaceae	Forto Bello, on earle mins, a tree 5-7" high. Spikes often 20 cm. low.
	01180	Ma daga was a sa	
	2488_	Gesneraceae	Porto Bello, on the walls of old earthe. Pl. yellow. Calya inflated.
•	2489. Gelaginella		Porto Bello, on shady walls in Ganish mins
	2490 Pitherolohium Inga rufescens Ben	M. Minosaceae	around buletra, a tree with dark foliage and round crowd.
	2490 Citherolohum Inga rufescens Ben Arina, or Harino, or Jarino		
	to the state of		Jan. 21st 1911.
	2491 Stigmachyllon hundsledlianum	Maxpighia ceae	Miraflores. Grailing on the bushes. Fl. yellow.
			Mireflores. Frailing on histors. Tr. yellow. Leaf broadly hartete.
	Batalilla amarilla	- 01 000 VOOR BLUERS	- The wing on money. It. yearn. Leng woarly nastale.

2493. Physikaria Calopogenium caerulaeum An Leguminosae 2494- Sapindus Saponaria L. J. inaequalis Sapindaceae 2495. Nectandra glaber globioso (Me) Lauraceae Leguminosae 9-2496. Mucuna pruviens D.C. Cowveleh, itch plant, of the Barbadians 2497. Cojssus sicyoides? Vilaceae

Jan. 21 st 1911. Mirafores, on railway enbankment. Fl. azure blue. Mirafleres, in low ground. a tree ± 15m. high. with a runded depussed crown. Miraflores. a small tree, with white fluvers. Mirafleres, on rr. embankment Il. purple. Near Miraflores, in low wet dumps. Fr. greenish; fr. black. Near Mirafleres, on Rr. embankment. Leaves namme hestate, pl. yellow. (Compare with 2492)

2498 Spomoea Solyanthes R. 13, 2499- Muntingia Calabura L. Herculiace ac

Near Mirafleres. A small tree with white flower.

2500 Somora guinguefolia L'Emvolvulacem Near Miraflores. Grailing on Rr. embankment. Fl. white.

			Jan. 21, 1911
6	2501. Helicteres guazumifolia H. B.K.	Herculiacene	Between Mirafleres, and Pedro Miguel. A shoul 2-3 m. high.
**	2502. Cassia reticulata Wills.	Caesalpiniaceae	Between Mirafleres & Pedro Miguel in Swampy dumps
, Y	2503_ Timbristylis mikigles Vahl.	Cyperaceae	Between Miraflires & Pedro Mignel; in swampy dumps
4	2504		Between Miraflires and Pedro Miguel - Sticky. Fl. plowers
•	2505 Echinochlva evlenum Link.	Graminae	Between Mirefleres and Pedro Miguel, along the railread.
	2506. Ischaemum rugosum	Graminae	Between Mirafleres and Secto Mignel, along the railroad.
	2507. Eleocharis capitata (L.) R. Br.	Cogperaceae	Behveen Mirafleres & Pedro Miguel, in wet places.
	2508. Echenochloa sakelecola Hikhe.		Between Mirafloves I bedro Megent 6. Z.

Jan. 21st 1911 2509_ Panicum geminatum Firsk. Between Miraflares & Sedro Mignel graminae 2510. Dolicholus angulatus Handley yp. n. Leguminosae Between Miraflores & Pedro Miguel, along the RR. Fr. yellow. Lignenlia cea Between Mirafleres & Pedro Miguel. A tree. Fl. white 2511. Ochroma Lagopus Sw. Beauto acaceae Paraiso. a tree. It. white, short and thick 2512. Pachira Barrigon dem. Western bank of banal. Las bascadas. Tree 5"in diam. 8th high, smooth tark. - bolonel J. S. Gaillard. 2513. Muntingia Calabura 2. 2514. Lylopia bastern bank of banal, opposite Las bascadas. It tree, with the above dimensions. Col. S. D. Gailland. 2515- Passiflera Seemannie Grisel. Passiftoracea Aling canal, about Les Cascadas - Col. S.D., Gailland, along canal, about Las Cascadas, in histes_ Col. D.D. J. 2516 - Lattab Lattab (L.) Legimmodas

		Jan. 21	1911.
o	2517-Pasniflera vilifolia H.B.K.	Passifloraceae	Las bascadas, along banal, in bushes - bol. D. Gailland
*	2518. Mucuna pruriens S.E.	Tabaceae.	Cucaracha C.Z. in waste places. Fr. dark purple.
, ,	2519. Meibmia Cajanifolia!	HBK) Kuntze.	Cacaracha C. Z., everywhere in waste places. F. lielac.
٩	2520_	Convolvulacere	Cucaracha C.Z. trailing on huskes. Fr. pale blue.
•	2521.	Compositae	Jan. 24 th 1911. Arund Rio Grande, near bulcha, in hishes- 1.50. 2m. high. fl. white.
	2522. Golanum		Armond Rio Grande, near bulehra, in hushes. A treelet, Hat irmoned, 2:50 high. Th. white.
	2523 Luhea Geemannii Pl. & Gr.	Ciliaceae	Around R. Afrande, near bulehra, a tree ± 15 mhigh, with ovate crown. Leaves drik green above. The small, white.
	2524. Canna Warscewiczie Dietr.		Around R. Agrande, near Culotra, in open, doing places. The red.

	Jan. 24, 1911
2525. Canna lutea Mill. Cannaceae	Arund R. Grande, near Culebra - Fl. golden yellen with
2526-Crythnia Papiliona tere Leaves of nº 2287?	Cucaracha near Paraiso, along railroad. Shoul with thick handles, about 1.50 high.
2527- Croton panamensis Mull-Arg. Carphortiaceae	Crown and pale policie.
2528. Acalypha cliversifolia Euphorbiaceae	bucaracha near Paraiso, along neek. Shoul or mult tree, 2-3 m
2529_Boerhaavia erecta L. Myctaginaceae	bucaracha near Paraiso, along railroad. Tr. pink.
2530_Compositae	bucaracha, trailing on herkes. Ligulae crange red, center ornige
2530 = Sedilanshus 2531 - Echinodorus bracteatus Micheli Clismataceae	Bucaracha, near Paraiso, in ditches along R.R. Laikes 1520- 1.50 high, fl. white.
2532. Cassia regia Handley Caesalquini a ceae	Eucaracha, à tree in camp. Calya jurgle. Corolla yellow with purple venules, and & pinkish at lase. It. & style yellow.

q	2533_ Tumvea meyeri Spren	g.) Don	Jan. 24, 1911. bucaracha, near baraiso, voluble on hishes and grass. It. mell. dark bluish purple, open 10 am.
	2534_ Peper hispideem fiv.	l'ipera ceae	Paraiso, in village. Shrub ± 2m. high.
Y	2535. Piper tuberculatum Jacq.	Piperaceae	Paraiso, in village- A skrub ± 2.50 high.
9	2536. Evolvulus	Comvolvulaceae	Jan. 25, 1911. Savana de Panama, in meadows
	2537. Bouteloua disticha [H. B.K.] Benth.	Gramineae	Yavana de Panama, in meadows.
•	2538. Inga spuria Willd.	Leguminosae	Yavana de Panama, a tree 15m, high.
	2539- Hylopia		Savana de Penama, a tree abut 5 m. high.
	2540- Abrolisia corcacea Scacarea revoluta (HA)	Myssina ceae	Forests near fran Dia, road to old Panama. A treelet; 4" high.

			Jan. 25 th	
q	2541. Corghuin a rubrinervia H.B.K.	spilima ceae	Near P. Jacobs Sta, a tree of variable rize. Fr. pale scarlet.	
	2542. Etterolepes trichotoma (Roi	Melestomatacere Itto) Cogu	Gavana de Panama, in neadows. FP. pink.	
Y o		Compontre	Savana de Panama, in mastrus	
9	2544_ Muchlenbergia nebulosa Siriba.	Gramina	Tavana de Panama, in meadows.	
	2545. Andropogn brevifoliis Liv.	Graminae	Savana de Panama, in meadows	
	2546. Borreria laevis (Lam.) Griseb.	Ruliaceae	Savana de Panama, en meadous	
	2547- Quazuma ulmifolia Lam.	Steracliaun	Savana de Panama, in neadous	
	2548_ Malache panamensis Standley	Malvaceae	Gavana de Panama, on edges of forests.	
0				

Jan. 25th 1911. 2549. Pachira Tendleri (Seem.). Forests of Juan Dia. a sping tree. Bombacacen 22550_ Cassia (oxyphyllaria) baccilaris Lin. fil. Caesalpiniacea Tirests of Juan Dia, a shoul, about 2 "high. 2 2551. Lockhartia pallida Rehb. J. Orchidaceae Frests of Juan Dia, epiphytic, fl. white. Frests of Juan Dia, epiphytie. fl. pale yellow. 4: 2552 Trests of Juan Dias in open fields. Acanthaceae 2553. Barleria micans Nees 255 H. Limnocharis flava Buchenau Briner Micheli: Twampy places along road near Juan Dia. Fr. yeller. 2555. Cassia tora L. Along road at Juan. Dear hiffrutescent? 2556 Arotina Stylogyne ramiflara (Derst.) Mes Teresto of Juan Dia. a shoul. Im. high. Fl. numerous, white.

2557- Hvanoa guadrivalvis Leem.	Thrests of Juan Dia, in firests. A large tree, with round common.
2 2558. Oldenlandia herbanea L.	Jan. 26 th 1911. Gatun, on Rr. talus. FP. mall, white.
2559. Panieum barbinode Erin. Graminae	Gatun, forming clumps on lake.
2560 Commelynac.	Gatun, in waste places. TP. blue
2561 Joursea morelu Duch T Convolvularean Walf.	Gatun. en Per. embankment. FP. purplish pink.
2562, Quassia amara L. Simarutaceae	Gatun, in woods along Railroad. FP. pink. A muell tue. 2-3 m. high.
2563. Lypia geminata H.B.K. Verbenaceae	Gatien, on Rr. embankment. Il. liclac-white. Odoriferms.
2564 Tovomita Hemse. Emphirhiaum Stylosa Hemse.	Between Gatund Tiger Hill, in words. FP. freenish.

2565. Makea occidentalis Benth. v. genuina Le	erg. upherhiaceae	Jan. 26th 1911. Behveen Gatun & Ciger Hill, in whods. Treelet 2-4 m high. balya purple.
- 2566	emnaraceae	Behoven Gatun & Ciger Hill, in woods. a most of the kight. Mer. Pl. yellnish green.
2567 - Eugenia acapulceusis &	Sapotaceae leud	Behveen Getund Tiger hill, in woods. A small tree, 2-4 m/high. Pl. greenish borolla & st. casucous.
2568. Gerjania cornigera Eurz.	Sapindaceae	Between Gatun Eiger Hill, in Heliconia formation. A vine
2569	Golanaceae .	Between Gatun & Tiger Hill. A small tree, with flat crown. Leaves shiny above, pulverulent below.
2570. Coccolota	Polygonaceae	Between Gatun & biger Hill. A tree, ramified from the fase, prung in many ground. Fr. greenish.
2571. brythina glanca Wield. n.v. gallito.	Leguminosae	Between Lion Hill and Bohio, in swamps. FR. orange yellow.
2572. Einemann ?	Contederia ceae	Black Swamp, between Lin Hill and Bohio.

2573_ Les in grande fin les Leguminosae

2574. Cheobroma purpureum Pettier

Herculiaceae

2575. Salvia hyptoides M. 79, Labiatai

2576. Per de pajarito

Bignoniaceae

2577. Banhinia

2578. Calea urticifolia (Mill. | D.C. Compositae

2579- Guazuma ulmifolia tomentosa Sch. Sterculiacea

2580. Yavia?

bultivated as ornamental in Anom and bulelva. Said to have feen introduced by the French. It. white, hanging.

Hills around Paraiso, a straight, unramified treelet. Cauliflowers. Calya globose, roughly hing and brownish entride. Petals deep purple.

Hills around Paraiso, in bushes. Fl. pale blue:

Hills around Paraiso, in bushes, trailing on trees. Fl. very numerous pink.

Hills arand Paraiso. A high climbing vine.

Hills arund Paraiso. a shub, ± 1.50 m high.

Paraiso, a tree about 25 whigh.

A small tree, 20 m. in diam. trunk 3 m. high, wenn flat and spreading.

2581 Dicranella Herminieri Besch.	Musii	Jan. 29 th 1911 Mong the road to Las Cascadas, Masambe' Valley, on rocks.
2582	Filices	Oling Rio Musambi, road to the Lus Cascadas Plantation
2583	Filices	along R. Masambe, road to the Lus Cascadas Plantation.
2584_Belotia mexicana (D.C.) K. Schum.	Eiliace ae	Along R. Masambi, road to the Las Cascadas Clantation. A small tree. 4-6m. high. Balya pinkish. Evrolla purple.
2585 Stigma khyllon humboldlianin Ju	Malpighiaceae	Along R. Masambe, in sunny places, trailing on hishes. The yellow.
	Passifloraceae	Along R. Musumbi: Common. Showing & forms of leaves. Leon also at gatum, Paraiso.
2587. Phytolacca		Along R. Masamti. Commen in cleanings.
2588	Filices	Along R. Masambe; in sunny slopes.

	the second	Jen. 29th
2589 Bradala Abhalrough	bueurhitaceae	Along R. Masambi, trailing on bushes. q & of fl. yellow. Fr. sphaerical, peruncle 5-10 cm. long; deam. of fruit ± 10-12 cm.
2590_ Lygodium radiatum	Filices	Almg R. Masambi. Voluble and clinching.
2591_8teris	Tilius	Along R. Masambi, ni cacao plantations.
2592. Emmelertia	Borraginauae	Along R. Masambe', in cacao plantations.
2593. Peperomia glabella A. Dietr.	Piperaceae	aling R. Masambi', epiphytic'.
2594	Filices	Along R. Masambi, in cacao plantationes.
2595. Chysis	Orchidacene	Gatun. boll. by Mrs Rousseau. 4 pods on a redunde ± 30 cm. long. (Tan. 1911.)
2596. Holeus halegænsis L.	Gramin.	Armod bulebra ni waste places. Introduced?

		Fehr. 1º, 1911.
259 D_Octoblepharum alkidum (2.) Hedw.	Musci-	Gamboa, in trunks of brescentia bujete.
2598. Duetyloctenium ægyptium Richt.	Gramin.	Gamboa, in waste places along railroads.
2599	Comprilae	Gamboa, isi huskes. FP. påle lilas.
2699. Dieffenbachen Verstedtie Schott.	Praceae	Gamboa, on trail to bruces in ditch brech.
2600 Spomoea Marelii Duch T Walfo,	Convolvulaceae	Gambou, everywhere on hishes and trees. Leaves velvety. Fl. large, pink. Open in morning and pm.
2602 Ficus Pittieri Standley. (Discor. by Fendler at Chagres, March 1850);	Moraceae	Gambou, a tree near French camp.
2603. Sapuim Meritzianum Olivo		Gamboa. A tree, 20 m high. No fluores - Photo.
2604.	Lovanthaceae	Gambra, in Ergsheina.

The second secon

	Febr. 10
2605. Epidendrum stenopetalum Rh. Orchidaceae	Jamboa, epiphytie.
2606: Desmoncus esthemines Paris, Palmae	Gambon, along creek. Traching. Hem \$8-10 m. long. Fl. yellow. Fruis red.
2607. Ardina Stylogyne ramiflora (Cerot.) Mes	Jamboa, in shady wood along neek. Treelet 1-2m. high. Fhistresenes coulifl., white. Fl. white or pinkish white.
2608. Coccoloba acuminata H. B. K. B glabra Lind Polygonaceae	Gambra, along creek. Bosh. Racemes honging. Calya red. of H. white.
2609. Cestum Latificant June Vent. Golanaceae	Gamboa, in shady wood. Pl. greenish white, wrolls very cabacins.
2610. Notylia penta Michne Rohb. f. Orchidaceae	Gamboa, one coffee trees. Il. greenish.
2611 Drchidaceae	Gamboa, m. roffee trees. H. greenish.
2612 Campylocentrum stenanshum Schlir. Orchederer	Genetoa, epiphytie. Ft. bravnish or yellnish.

	Fehr. 1st 1911
2613. Erigmidium keemanni Rohb. J. Orchidaceae	Gamboa, abundant m'érescentia. Pl. pale yellow or brownish.
2614. Chaetochlamys panamensis Lindau Acanthaceai.	Around bruces, on sandy soil along creek. The violet.
2615. Orthoclada variflora Beaux. Gramineae	armed bruces, in dry, clayer grand.
2616. Rynchospera cephalotes (I.) Vahl. Cyperaceae. 2616a. Eleria mitis Berg.	Arund bruces, in old cleanings
2617 Solanaceae	Armo bruces. a treelet Or 60 m. high, with purple H.
2618. Wilheria glomerata Presl. Hereuliaiceae	Arund Cruces, everywhere in burkes. Thent or treelet 1-3 th high. Fl. white.
2619. Tromora Jacquementia menispermoides Choise	Armind brides, trailing on hishes. Fl. pale blue.
2620. Sipanna	Armind bruces. Small tree, with wroked main trunk. 3-5 mlng.

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The second secon

2621- Marcia Farnessiana Mimosacea	Ernces. A small tree, 3.4 m. high, brunching from the base,
2622 Oryctanthus corolifolius Bullboom. Loranthaceae	Cruces, en Acacia Famonana
2623. Phthirusa pirifolia [H.B.K./ Sinhl. Loranthaceae	bruces, m Reacia Fameriana.
2624. Piper cordulatum 6.86. Piperaceae	Cornces, in firests. Treelet or shoul, 1-3 th high.
2625 Micania Casera (Boupl.) Mand, Melastometace	ac Around Cruces, in namy places of the cleanings; a hish. 2" high.
2626. Cupania fulvida Er. & Pt. Sapindaceae	Around Cruces. A small tree or a vine, with ahundant fl. in large racemes. Corolla white.
2627-Calabhea lemostachys Hooker. Marantace ac	Armed bruces in firest. A tall plant (1-1.50 m.). Leaves purple below.
2628. Palmae	Arand bruces in firest. Shooting abundantly from the base, Item ± 18 cm. diam at base, and 15 th high or less. Ra- ume hanging, pale yellow.

			Febr. 23
a	2629. Phabdadenia foaludasa (Vahl) Miers	Просупаселе	Twamp between Corgal & Panama- Rvine, fl. white
	2630. Roupala panamensis Pettier	Proteaceae	Twamp betw. Corgal & Panama. A small tree. Pt. abund-, while
9	2631_Caythareaylon candatum L.	Verbenacere	Swamp between borgal & Ancon. A treelet or shoul. Fl. white.
a -	2632. Acrostichum aureum	Filices	Swamp behr. Corzel & Anion. Gragarins m
	2633_ Anacardium occidentale L.	Anacardiae.	Twamp Lehocen Coregal & Anem, on high ground
	2634 Clidenia rebra (aubl.) Wart	Melastomacere	Swamp between Gorzal & Ancon, on high ground. The pink. Fr. Hue
N.	2635. Homolepis alarensis Chase	Graminae	Twamp betw. borozal & Anim.
	2636. Panicum costaviceure Hackel.	Graminae	Twamp beher. Corrozal & Aucm.

The state of the s

			Tehr. 2?
4	2637. Malachra alceifolia Jacq.	Malvaceae	Twamp betw. Corozal & Ancon. Fl. yellow.
	2638 Micoria minutiflara (H7B) D	Melastomataux	Twamp betw. Corezal & Ancon! Il. white. A treelet 2-3 = high.
c	2639. Nestandra fishuren (HBK.) M	Lauraceae	Twamp behv. Coregal & Ancon, on high ground. A mill tree, 2-3 "high.
•	2640. Melothia Trilobata Cogu.	Cucurbitacese	Twamp between Corgal & alexan, tracking on bushes. Fr. yellow. Fr. shurt spharrical, ± 5 m. diam., gay green with white and dark green
	2.641. Hirtella americana Aublet.	Rosaceae	Swam jo between Cornal & Ancon- On high grund.
	2642.	Compositae	Twamp between borozal & ancm- Phub (hertaceous) 2-3 = high.
	2643	Dilleniaceae	Twamp between borozal & Ancon. A vine. Fl. yellew.
	2644. Pelliciera rhizophrae In & Pl.	Cheaceae	Twamp behveen borgal & Ariem Small tree, 5 m. high, TP. mishlish white.

2645. Dichiptera assurgons (L) Juss.	acan thacene	Petr. 2? Between Corezal & Panama, on high grund. The incarnate.
2646-Baccharis	Compositae	Between Corrzal & Panama, treiling on hishes.
2647_ Aeschynomene sensitiva Sw.	Leguminosa	Between Corozel & Panema. A halfwoody treelet, spreading, 2 the high, Pl. yellow.
2648. Limnanthemum Humboldlianum Griss	o. Gentianaceae	Between berezal & Panama, in pends. Ve. white.
2649_		Mrs Rousseau. Pep. & pet greenish white, with faint green strikes. Sack reddish at bottom, elegantly veined on shightly fringed on wings, with a
2650-Gyntherisma sangunialis Dulae.		Along roads at Culchra, not common.
2651. Folicholus phaseoloides (D.C.) O. Kurk	e Leguminosa	Febr. 5th 1911. Armed Agua Clara Reservir near Gatus. Frailing. Ft. yellow.
2652 Clitaria arboresceus. A	L'Equinosae	Armend Aqua Clara Reservoir near Gatun. A vine. Le un !!

2653.	Golana ceae	Tehn 5th 1911. Arand Agua Clara Reservir near Gatum. A shoub. 1" 1.50 high. Th. while. Plant with a fetis odor.
2654. Blechum Brownei Juss. Blechum costavicense Oerst. Dd.	acanth aceae	Around Agua Clare Reservoir near Gatun, in cleanings. Fl. pale purple.
2655. Miconia argentea DE. Papelillo (Arraijan). Dos Caras (Gatun).	Melastomaan	Arnund Aqua clara Reservoir near Gatun. A tree 25.30cm. in diam, 15-20m. high. Trunk straight, crown rather flat and spreaking; bark grayish white. The white.
2656. Erythuna costaricensis Michele = no 2287. See in Asia also Suis		Around Aqua clara Reservir near Gature. Thrub with thick stock, I high.
2658		Armed Agua Clara Reservoir near Gatun. Erailing on low hurkes. Processet. Armed Agua Clara Reservoir near Gatun. Epiphytic.
2659-Chamaedrea		
2660.		Person of many (10-20) stems to the stock). Person agree black Reservoir near Gation, a little tree, with straight
		trunk, about 4m. high. Fl. greenish yellow.

A San Carlotte Control of the Contro

2661. Peper pubistipulum 6. St.	Piperaceae	Petr. 5th 1911. Around Agua Clava Reservir rear Gatun. Im. high.
2662. Peperomea	Piperacese	Armind Aqua Clara Reservoir near Gatun. Epiphytie.
2663. Glenospermatium	Araceae	Arnend Aqua Clara Reservoir near Gatum. Epiphytic. Guadra white
2664	Araceae	Arand Agua Clara Reservir near Getun. Epijshytic.
2665. Asplenium serratum	Filices	Around Aqua Clara Reservir near Gature. Epiployti. Firms roulate tufts.
2666. Strychnos Loxifera Beuth	Loganiaceae	Armend Agua blara Reservoir near Gatin. A sistandy vine. Corolla white or pul yellow, having.
	7	Around Agua Clara Reservir near Gatum. Fr. only. Vine in high trees. Eaves merely lobate on the margin [?].
		Febr. 6 th 1911 Along Masambi R., trailing on ground

The same of the sa

	Febr. 6th
2669-Calopogonium caeruleum (Benth) Hemst. Le guminosae	Along Masambi R., trailing on hishes. Pl. pule blue.
2670_Eupatorium Sindairi Benth. Compositae	Along Masambi R., en talus of road. Fl. pale purple.
2671. Amarantaceae	Along Masambi R., creeping on bushes. FP. white.
2672-Criplaris Polygmaneae	Along Masambi R., a small tree. The greenish. Myrmecephilous.
2673. Cecropia mexicana macrostachy a Smn. Smith - Moraceae.	Along Masambi R.; stem slender.
2674-Inga Ruiziana Son. Seguminosse	Along Masembi' R., a meduin rized tree.
2675. Herrania	Along Maramhi R Fl. in clusters of 4-5, several to gather; celyn 3 pertitus.
2676. Jatropha urens L. v. genuina Muell. Arg. Eughor biaceae	Arund bulehra in waste places. Fr. Runch.

2677. Lamora trifida (HBK.) Dan

2678. Passiflora foetida L.

Passifloraceae

around Frijoles - Fl. white with people which.

armend Trijoles C.Z. Fl. pink; f. 3-jartile mall.

Jehr. 8 1/2 1911.

2679. Anthurnim

araceae

2680. Hirtella triandra Lo.

Rosaceae

2681_ Blechum panamense Lindon Acanthaceae Type coll. Reput Sp. new Fedde 12:424.1913.

2682_ Orthoclada rariflora Beauv.

Grammae

2683 Bulbophyllum sordidum Lindl.

Orchi decene

2684. Calathea

around Frijoles on river banks. F. purple.

Around Frejiles on low greund.

Armed Fregiles, epiphytic.

Arund Frijoles, along river.

2685. Heliconia

Gramina

Around Frijiles in words.

arund Frijiles - Pl. scarlet red, Jew.

2687. Idontonema flagellum (Verst.) O.K.

Acanthaceae

arrend Prijoles, intokerts of woods. Te. scarlet.

2688-bassia undulata Bensh.

2686. Olyra latifolia L.

Legieninna

Armend Prijoles. in bushes. 2-4m. high - Fl. yellow - He melling.

2689- Garganophorus Vaillantii Gaertn.

Compositre

around Frijoles, in banks of niver- The white.

2690. Anoda hastala bav.

Malvaceae Arund Frijoles, in waste places.

2691- Phaseolees adenanthus Mey

Around Prijiles, hauging on huskes. FP. white or gellow and purple.

2692. Cocconciar coccinea Rubl.

Combretaceae

Along river at Prijoles, a vine. Calya greenish, urolla pale red, style gollewish, filament carmen, anthers Dark purple.

2693_ - om alum Pareners

2694. Caschia Guayacan Hemsley

Bignoniaceae

Trijoles, on river bank. a large tree. Laves mate lamodate, shing store, subglaceous feneath. The in raceene. Lepels 6, cirolla 6, 6 fascicles of 3 stames separated by a scale. Hyles 3 (?). Petr. 9th 1911. Matachin, on the hill. A tree 30-35 "high, with straight

trunk, ± 60 cm. drain. at base, and a whitish-gray, almost smooth bark.

2695. broton panamensis Mull. Olog. Yangrillo

Caphorbia was

On the hills around Georgena; a small tree.

2696- Inga X

Leguminosae

On the hills around Gergena; a small tree.

2697 - Buttrena carthageneusis Jacq.

Sterculiaceae

On the hills around Gorgona, a vine.

2698- Anthurum Schlechtendalië Kunth.

Mrs Gailland - Lee descript.

2699 Minusops darienensis Pettier, sp. nov. Sapotaceae n.v. Nopero.

2700. Chealypha macrostachyca Jacq.

Bushorbiacese

Folm 11# 1911. Hills afive R. Grande, trail to Arraijan. Small tree + 3 m. high; trackets ca mones, fringed with purple.

Deam. of Frunk. 25-30 m.; bark = 1 cm. thick, grayest, net-subcates

2701. Véguciera Viguiera) canescens H. B. K. Compositae Longua de bury.

2702. Hirtella racemosa Lam. = H. americana Rosaceae Camaroncillo

2703. Chevetia nitida (HOK) DC. Apoynaceae

2703! Stigma phyllon-elliptinin (HBK) Malpighiaceae 2704. Formoca Morelii Duch Hulefi. Convolvulac. Batatilla morada.

2705. Stachyterspheta Euremensis Rich Verbenaceae Verbena (med.)

2706. Rolandra (argentea) fruticosa (L.) V. Kunty Bustiaceae

270 J. Schulthesia lisianthoides (Grisib.) Rhe Gentianaceae Canchalagua (me S.).

Rosaceae

2708. Hirtella mollicoma H.B.K. Garrapata Febr. 11, 1911

Hills afwe R. Grande, on trail to Arraijan. Freelet 3-4m. high. F. pinkish white, very odorous.

Hills above R. Grande, on trail to Orvaijan. Shrub, fl. pink.

Hills above R. Grande, on trail to Orraijan. Humb 1-2 m. high. F. yellow. Fruit woid, bright scarlet.

Hills above R. Grande, on trail to Arraigan. A vine. If purplish inside, purplish around, Entirely glabraus.

Hills above R. Grande, watershed of R: Mandingo. Ft. small, purplish pink.

Halley of R. Mandingo. Fl.

R. Mandingo Valley. Fl. rale pink.

Rio Manding a Valley. A skrub.

		Febr. 11th 1961.
2709-microtea debilis Sw.	Phytolaccaceae	Pedro Vidal, valley of Mandingo. Creeping around house. Fr. greenish.
2710. Zuelania Roussoviae Pitt.	Flacourtique	Hope afire Pedro Vidal, valley of Mandingo. A deciduous tree. Leaves opposed.
		Infl. coryonbose (Sep. 3. Pet. 2.) St. oo. Pist 1: ovary superior, 3-(?) celled. Calya result. Fruit pruniform.
2711. Phthirusa pirifrhå (H.B.K.) Eichl.	Grantha ceae	On n° 2710.
	. '{	
2712. Coryngium foetidum L. Culantro	Umbelliserae	Around Pedro Vidal, Mandingo Valley.
2713. Lida rhombifolia L.	Malvarere	Hopes abeve Pedro Vidal, Mandingo Valley, along trail bor. yellow mall.
2714. Lida glutinosa bav.	Malvaceae	Hopes where Pechro Vidal, Mandings Valley, in cleanings. F. white.
2715-	Araceae	Slopes above Gedro Violal, Mandeingo Valley, in wood. Spatha greenish gellow. Spedie adhering. Fewits large, wange-yellow, 1-seeded. Leeds blackish as inti
2716. Dichaea panamensis Lind.	Orchidaceae	blackish, germinating in spasha. On tree trunks along Mandingo (?) creek. If greenish.

Febr. 11th

2717 Scapshyglottis unquiculata Sohtr.

Orchidaceae

On trees (near base) along Manding of? / creek, war feed to Vidal. Pl. small, white. 4 pollines.

2718. Cycas Eircinalis = 6. List Mason

Pehr. 13 1/2 1911 Hospital Park at ancom. Said to be a native of Erimidad.

2719. Cycas revoluta

Cycadaceae Hospital Grounds at ancon.

2720. Leva? Chwaitesii Hovker. = 10_Lila

Rubiaceae

Hospital Grands at ancom; a showl. Ff. white.

2721 = Polypodium polypodioi des

Hospital Grunds at ancm, clinking on Eyeas trunk.

2722. Brownea Ariza Bentho.

Leguminosae. Hospital Ground at ancom. A tred to 5m. high with a rounded course. 98. segelet junk.

2723. Allamanda cathartica L.

apougnaceae Hospital Grands at ancon. a show, fl. yellow.

2724. anma muricata 2.

Hospital grunds at ancom.

		Febr. 13, 1911.
2725 Brideien guajava L.	Myrtaceae	Hospital Greunds at Ancon.
2726. Bohibax panamense Cither. = 19.	Bombaeaceae	Hospital Grands at Anem.
2727 Gleichema = 16.	Filices	Hospital Grounds at Anem, climbing.
2728. Ficus coybana Mig.	Miraceae	Hospital Grounds at Anem. A low tree with runded crown.
2729. Spondias purpurea L.	Anacardiaun	Hospital Grands at Anem. A mall tree, fl. purple.
2730-brecoloba	Polygmaceae	Hospital Grund at Ancm. A midniged tree. The greenish
2731. Lühea platypetala A. Rich. = 28_	Ciliaceae	Hospital Grounds at Anum. A tree 25-10 m. high Longe white flowers.
2732. Lühea Geemannii Pl. & Er. =30	Ciliaceae	Hospital Grund at Anim. A tree 20-25 m. high. Fr. rather mall, white.

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2733 - Oesten Moclandra Licherum (746K.) = 33.

2734- Compania fulveda /1. 7 Pl. Sapindaceae

2735_Vismia = 36

2736. Thunbergin erecta Benth. To. andr. Acanthaceae

Empherbiaceae.

2737 Phyllanthus nivosus Benth.

2738. Jasminum franklinden Darubac L.

2739. Elerodendron & thousance Balf.

2740. Graptophyllumpietum [2]. ... Uncanshace

Febr. 13-1911 Hospital Grunds at Anem. A mall tree with elingated crown.

Hospital Grands at anem. a small tree. The white.

Hospital Grands at ancin. a strack? The zygramph, purplish the cheran toborkite.

Hospital Grands at Anem. A shrub. birolla laye, zygommph. tube white, evoun purplish blue. bullivated

Hospital Grunds at Anem. A shrub with variegated beaves and greenish, liniserwate flowers - Exotic

Hospital Grands at ancm. a mill, insemental tree, with white, odrows flowers.

Hospital Grands at Ancim. A vine with white Fracts and scarlet corolles

Hospital Grand at anion. A shoul with range sted leaves and magenta flewers.

2741_Rheo = 45	Commelynaceae	Febr. 14, 1911. Hospital Grunds at Anem. F. blanches in purple hacts:
=49 = Paico	Leu Myrtaceae	Hospital Grunds at Anem. Th. meell. preenish. Ling filaments Berry mange-gellow.
2743. Clitoria ternata L.	Leguminosae	Hospital Grands at Ancen. Pinn-like, ultramanine corolles bartic het subspontenens.
2744 brythina aflanca Wills an. v. Magney	Papilionaceae	Hospital Grunds at Anem. Fruit of nº 2571.
2745 Théspessa populner.	Malvacese	Hospital Grand at Anim. Fr. Just yellow, then purple.
2746. Gustavia superba Berg. Membrillo		Hospital Grounds at Anem. A small tree. Pet. 8, yellow at lase, pink and white punctulated at tip. Flaminotes yellow at have, pink at end. Fl. 13-15 im. in diem.
2747. Inga globulifera Benth =61	Mimosaceae	Hospital Grands at Ancom. A tree. Fl. white.
2748. Durstenia Contragenra L.	Moraceae	Hospital Grounds at Ancon.

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2749 Machaerium purpur nouns littier a = 66	Leguminosae	Hospital Grams at ancon. A vine, P. small, purple.
2750 Phoèle Mangata (Jahl)	Lauraceae	Hospital Grunds at Anem. A middle-rized or musl tree. It.
2751. Fleurya	Urticaceae	Hospital Grands at Anem. A weed.
2752_ Monstera Friedrichskalii = 68	Araceae	Hospital Grands at ancen. Epiphytic.
2753. Thysanolaena agrostis	Graminae	Hospital Grund at Anum. Cultivated.
2754. Grennoea. -70	Convolvulacere	Hospital Grounds at Anum. Cultivates. Fl. bright yellow
2755.	Violaceae	Hospital Grands at Ancon. A weed. The mull, rate purple
2756. Moringa ptery gosperma		Hospital Grands at Ancem. A muell tree. Cultivates.

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	Febr. 14, 1911
2757. Echiles trifida facq apocynaceae	Hospital Greunds at Anum, a vine . Corolla greenish white
2758. Passiflera lunata Willd. Passifloracese	Hospital Grando at Ancon. Leaves only.
2759- Capherha hypericifolia G. Eupherhaum	Hospital Grames at Ancen. A wead.
2.760. Cupherbia pilulisera S. Capherbiaceae	Hospital Ground at Anem. Armed. "
761. Phyllanthus Carolineusis Walt Compherhicese	Hospital Granned at Anem. A weed.
2762 Limena	Hospital Grund at Anem. A weed. The yellow, & 3cm. disin.
2763. Bradburya pubescens (Benth.) Ktyc. Leguminovae	Hospital Grands at Anem. Vine. Evrolla rale yellow entride, purple inside.
	Hospital Grands at Anum. Viny, corolla yellow, with purple spots.

2765. Swielenia	Cedrelaceae	To be more elongate than the Belije species.
.2766.	Fungus	RR. relocation between Gorgona and Gatun, on an old tree trunk.
2767. Cabebuia pentaphylla (Juss.) Hensley. Roble de savana	Bignoniaceae	Coclebra. A tree, about 45 cm. in deain. and trunk 4m. high. Ernon spreading. Pl. pale purple.
2768. Rynchospira cephalotes (L.) Vahl.	Eyperacere	Calebra, in low places, I common plant et she clayey wils.
2769. Bombax Fendleri (Seemann). Cedro espinoso	Bombacacere:	Culebra, in low places along the railroad. Trunk spiny, straight. Erce & 20m. high. Ft. mull, white.
2770 Salacia Bracielsa Mio	Ers) Stavill.	Febr. 17, 1911 Rio Indio de Gatun. A vine. Ff. greenish.
2771 Hiraes fagines (Sw) Nagu. 1	Palpighiaceae	R. Ladio de Gatun. A vine or shrub. Fr. yellow.
2772 Tetrathylacinu Johansoni 9.	Pacourtiacere	R. Indio de Gatun. A small tree.

Febr. 17th 1911. Risinordio de Gatun. De vine with pale pink florens. 2773- Cydista aequinoctialis Miers. Upoynaceae Rio Fedio de Gatun. A milky vine, characteristic of low swamps 2774 along tide water. Fl. white, tinged with yellow in tube and pink in lobes. 2775 Neclandra laurel Kl. Mart. Lauraceae R. Indio de Gatun. Small tree. Fl. white. 2776 Physlanthus distichus (S.) Muell-Arg. Eupherbiauae R. Indio de Gatun, near the muth. An spontaneus? R. Indio de Gatun. a small tree. The very large, pinkish. Fr. and Bombacaceae 2777 Pachera aquatica Authot. seed very large, the former ofling fusiform. 2778 Turania suberosa Staull Cucurbitaceae R. Indio de Gatan: Fl. on stem. (Bell. by E. a. Goldmin; alcoholy, R. Indio de Gatur. Epiphytic. araceae 2779 - anthuraim major for g R. Indis de Gatun. Grows in clumps, along streams. Fr. black at Salma 2780. Bactris Lata maturity and edible. Hems 2-3 m. high, spiny.

Petr. 17th 1911 Rio Indio de Gatun. along inimolated showless 1.50-2.50 high. breet. 2781. Montrichardia arbivescens (E.) Schott. Graceae · Castaño. La fruta se come cocida. Ecene el satir de la Spadin axillar. Infructescence ovoid or runded, yellow green when ripe. fruta de pan. Bignoriales Rio Indio de Gatun, in tide water. a small tree, unally with de-2782 - Cnallagha wair hitina Miss H. Bar flected, & horizontal stems. Fl. greenish. Fr. dark green. Cotumito 2783. Faramea occidentalis (2.) a. Rich. Rio Indio de Gatun. A small tree. Th. white Howito- Wood very hard! 2784. Hirtella triandra Siv. Rio India de Gatur. A shrub. Infl. Jew flowered. Fl. pinkish white 2785. Coccoloba padiformis Mersin Rio India de Gation. a tree, 20m. high, branching from the base. The Melestomatacen A. Indio de Gatien. a shrub. Fl. white. 2.786 2787. Turania Corcurea Copu Countitaine R. Indio de Gatun. Clinibing en low trees. Fl. Drange-red. R. Trolio de Gatun. Epiphytic 2788 . Peperomia candulilimba 6. 26.

2789- Peperomia panamensis 6.86.	Piperaceac	Petr. 17!! Rio Indio de Galun. Epiphytic.
2790-Piper	Piperaceae	Rio Indio de Gatun. A mull tree, 2.50 high., in high frust.
2791- Piper auritum H. B.K. 27912 " lucigandens C. St.	Si peraceae	Rio Indio de Gatun. Amall tree, 3-4m. high, in 22 growth.
2792- Anthurum	araceae	Rio Indio de Gatun. Epiphytic in high front. (Motes)
2793. Anthurum hacumense Engl.	Araceac	Rio Indio de Galun. Chiphytic in high frest. Gradia long-stipulate/stipi 8-10 m). Gathe ± 13 cm. long, oblique amplenicante, brusquely stipulate fredix
2794. Philodendron (not determin.).	Arriere	Heik [18-20 mm at base], purple R. Indeo de Gatun in firest. Scandens.
2795. Anshurium	Araceae	R. Feder de Gatun in Ferest. Scandons. Infl. shorter than patiole. Grathe water lancablete, Jem. long, 2 m. frond at base. Gradia sessile, yellow, 8 m. ly.
2796_ Anthuruim acutangalum Engl.	Araceae	R. Indio de Gatun, in forest. Not scanders.

Febr. 17, 1911. Rio Indio near gatun. Epiphytic, not scandons. Gung spadia purple. 2797. Anthurium hacumense Engl. Spedia long stipitate. Rio modio near Jetun. Epiphytic. Gusthe and spatra purple 2798. anthurium Res Indio near Gatun. Epiphytic. 2799- Anthurium 2800. Seperomia oftusifolia A. Dietr, forma A10, 6.86. Seprencese Rio India near Gatum. Epiphytici. 2801. anthurium crassiner viim (Jeeg.) Short. Araceae Rio Indio de Gatun-Epiphytic = 2679. Orchidaceae ! Rio Indio de Gatun: Cpiphytic. Petals greenish white, columna desk green . 2002. Ornishocephalus elegans Rehb. f. Rio Frdio de Gatur. Epiphytic. Corolla green, with purplish maculas. 2803. Teaphosepalum panamense Schler. sp. nov. Flacourtia une Olong Chagres below Gatur. R tree, 25-30 m. high. Fl. white, had mill. 2804. 2805. Salaria proeulsa Miers)

17,1911. Unnonaceae along Chagres below Gatun. amall tree.

2807. Miconia impetiolaris (Sw.) Don Melastomatacene. Along Chagres below Getun.

2808. Pithecolobum chagrense Pitter Mimosaceae

Along Chagres below Gotten. Fr. pink.

2809-Codonanske Calcarata Haust.

Rio Indio de Gatun, hanzing from branches

2810. Guarea parva C. D.C. sp. nov.

Meliacen

Rio Indio de Gutun. A most tree, fl. white

. 2811. Acalypha diversifolia Jacq.

2806. anoma

Euphorbiaceae Rio Indio de Gatun. a mull tree.

2812 - Luchea Leemannie Pt. & Fr.

Ciliaceae

Glong R. Chagres below Gatun. R mall tree

2813_ Malouetia panamennis Heurek & Muell. Arg. - Spoynacese

Rio Indio de Gatun a mall tree.

2814. Pothecoloboum Inga rufes cens Buth.	Minosaceae	Empire 6.7. Febr. 17. 1911. [S.D. Gaillard].
2815. Peper tuberculatum minus 6. DE.	Piperaceae	Hospital frund at Anem. a little tree.
2816. Gongouin		Tehr. 25th 1911 Tola Parida, Chiriqui.
2817. Lonchocarpus chiricanus Pittier.	Leguminosai	Tha Prints Chirigui; a mull tree. Decidunes?
2818	Legumin osac	Isla Pirida, Cheriqui. Il tree, gruing on the cliffs. Decidenous!
2819- Limenia americana	Olacaceae	Isla Parida. Chiriqui. A small tree, with perenniel Islaje.
2820_Cordia alba Roem. & Schultes n.v. gema. Leeds useb es glue.	Boraginaceae	Plaza de David, Chiriqui, il middle sized tree. Fr. white.
2821. Tiens isophlebra Handley	Moraceae	Plaza de David, Chirique. A middle sized tree.

		- and in
2822. Tius oerstediana Mig.	Moraceae	Flaza de David; a middle sized tree
2823. Ficus. oerstedeana Meg. may be = 2822.	Moraceae	Plaza de David; a middle sized tree
2824. Cabemaementana grandiflora Jacq.	Ofronymaceae	Plaza de David. A shout or treelet. Fe. yellow.
2825. Cabernae montena amygdalifolia Jacq.	Apocynaceae	Plaza de Davis. A shrus. Ft. white.
2826_ Fiens. costaricana (Liebra.) Meg.	Moraceae.	Reza de Suvis. A tree.
2827. Posogueria latifolia R. & S.	Rubiaceae	Plaza de David. A mull tree:
2828- ll Fungus en a Lauracea.		Plaza de Davis. White boery fruit infectes
2829. Giper auritem H.B.K. Hoja de pasmo	Si peracene	Savid. Cultivated in garden.

2830_ Lacistema

Febr. 27, 1911

along a streamlet, near David. A mull tree, 2-3 m. high.

2831_

Fia contraceae

Ilmg a streamlet, near David, it small tree or a hish. It, greenish.

2832 - Piper hirtellipeteilum 6. Dt.

Piperaceae

Along a streamlet near David. A small, jugramidal tree, 1.5-2 mhigh.

Leveropelo. A good Prihid & Bromelied beaver

Along a streamlet near David. I large tree, with low trunk & spreading crown.

. 2834 Prestonia macrocarpa Heurl. Apognacere

Along a streamlet near David. A vine. Throat of cerolla raised, yellow base of lokes purplish white, upper half dursily runple streaked; the whole worth carepled the latter past greenish white indide.

· 2835_ Fins costaricana (Lieba.) Mig.

Moraceae

brund Suis. a middle nied tree. Fr. yellow when ripe.

2836. Dieffenbachia Perstedtii Schott. Oto de lagarto.

aracene

Mong a streamlet near Davis. Lathe, including whening special wange yellow when ripe. Fruits red.

: 2837. Piper davidianum 6.86.

Piperaceae

along a streamlet near Dans- a mull, 2m. high tree.

		Fehr. 27, 1911.
2838. Crichilia chiriguina E. S.E. Sp. n. M.	Peliaceae	along a streamlet near Duris. Il small tree. The whote
2839. Tommefertia licolor Dev.		Ung a streamlet near David. a viny shoul: fl. white
2840. Allophylus roilospermus Radl. Sag	nin theese	along a streamlet near David. A mull tree. It. greenish white.
2841. Licania interea		Along a streamlet near Davis. A frondose, spreading tree.
Rasca. Wood not used. Erer seem common along stre		
2842_	Puhiceae	armend Davis; a shout. Fr. yellwish white.
. 2843. Yolanum Lorrell-smithie Co	ult, "	Grand Bavis; a prestrate viny shoul.
2844- Anthurium		Along Rio Dairo, near town, epiphytee
2845. Epidendrum latilabre Fixet.	Prchidacea	Aling R. David, near town; epiphytic.

and the control of th

22846.	Myrtaceae	Inbana de El Ruiteño near David. Characteristic of sabanas edges. A treelet or a shrub (in enposed situations). The greenish. white - Febr. 28, 194.
2847. ? Galium mexicanum H. B.K.	Rubiaceae	March 2 de 1911. Arund Boguete. The common weed. No fluvers. Very hispid.
2848. Eugherbia adenoptera Berbel.	Cuphorbiaciae	Ariund Boquete. Plant reddish, prostrate, immun in postures.
2849. Relbunium hygio carpium Hemsl.	Rubiaceae	Armind Boguste. Geeds red. A common weed.
2850	Violacene?	Arund Boguete. Fl. nale lilec.
2851. Castilleja		Armad Bogneta, in partures.
2852. Richardia scabra L.	Rubiaceae	Armond Bognete, a weed, not common. Fl. white, with pinkish tinge.
2853. Borreria Tenella (H.B. K) R. & S.	Rubiaceae	Arund Boguete.

March 2: 1911 22,2854. Chisia around & Boquete. a tree. Fl. rather mall, yellowish white. 2855. around bl Boquete. I trailing shows, Il. white. 2 2856. Papertuni pycnocephalum Less. Compositae around Il Boquete. Common in pertures. 28. Manglillo Repares florregines (R. T.P.) Mr. Arund El Boquete. a small tree, with rund comm. Fr. greenish. : 2858 Hippocratia celastroides HR Lauracea arund & Boquete, a mall tree, common in partines. Fr. greenish. 2859. Cupatorum Composita arund El Boquete. Common in partures. Th. white. 2. 2. 2. Douchina derstedie (Triana) Cogn. Melastometa. Around bl Boquete, in shaded places along hedges. Fr. pink. a 2861. Monochactum alpestre Moud, Melastomas around El Boquete, in partieus and swampy grands. Fl. pink.

March 2 2 1911. 2.2862. Hyptis lapparen Beutte around El Boguete. Hours thick, rigid. Ft. pinket white he partines 2 2863. Hyptis landanifolia Vait armend El Boquete. Prestate er ascendent. Fl. white. 2 2864 Marsypianthes Chamaedry Vale Kembe arund El Boquete, in pertuis. Fl. purplish thee. 2865. Hevra Comportae arund El Boquete, in partines. F. white : 2866 Toutanes quianenses Aubl. Rubiaceae Arund El Biquete, in shady places. Prostrate; fl. Alue. 2867 Compositar arund El Boquete, common. 2868 Melastomit. Arund El Boquete; in patches in partieres. arund El Boquete, on fanks of rivino, etc. a 2869. Juigelia

March 2ª, 1911 2 2870. Crechtites hieracifolia (A.) Rof. Compositie armin El Begnete. In pertines armind bl Boquete. A should or treelet, fl. white. 2 20 11- Engetorium daleoides (D.C. Henrel. 2 2872 anthurum around El Boquete, on rocky banks along river. 2 2873. Baccharis Compositae arund El Boquete, on edge of firests. gta Maria chiquito around bl Boquete, in edge of firests. : 2874. Lauranja - 2875. Loasa Ground El Bequete, along river. Petals & stammes white. Crimn(?) red. - 2876. Arthrostemma Campanulare Melastomatacon Armino El Boquete, in historia.

(Mand) Triana. Polygalaceae Around El Bognete, on edge of firest. Careme yellow, wings purple. - 2877 - Monnina

22878	Urticaceae	March 22, 1911 Ormand El Boquete, on edge of front.
22879. Boccomia frutes eens	Papaveraceae	Armod El Branote, in cleanings and partures.
2 2880 Saprim Olivo	Capherbiaceae	Armond & Boguete.
2 2881.	Urticacere.	Armod El Boquete. A shoul. Fl. pole pink.
2882. Glruthanthus venetus (H.B.K.) bichl.	Granthavene	Armed El Boquete, trailing on huskes along river.
- 2883. Caphea insfunditulum Koehn	Lythraceae	Arund El Boguete. Fl. jine red.
2884. Loeselea glandulosa conglomerata (H.B.K.) Bran	d'. Polemoniaceae	Around bl Boquete, in partures. The purplish flux.
- 2885. Abutilon giganteum/Jacg/Presl.	Malvaceae	armind El Boquete, in hushes. Be thened 1m-1.50 high. Fr. dirty yelle

2 2886. Browallia demissa L.	Tolanaceae	March 22, 1911 Arund El Bognete, in cultivated places and particles. It. large, deep purple.
2 2887- Jussierea		Arund & Boguete, in humied gravel along river.
2 2888. Buddleia americana L, Cabaquillo	Loganiaceae	Armod El Bognete, along mier.
= 2889. Tims padifolia H.B.K.	Moraceae	Arund & Bognete, a Tree, 8-12m. high.
: 2890. Lopezia		Armod El Boquete, in shooty places. Fl. pink.
- 2891- Polygala paniculata G.	Polygalaceae.	Arund El Boquete, in partines
- 2892. Polygala paniculata L.	Polygalaceae	armond & Bognete, in pastures
- 2893. Polyzalu hygrapshela H.B.K.	Polygalaceae	Arund El Bognate, in partines

	1 3	March 22 1911
2 2894_	aryophyllaceae	March 2? 1911 Armod el Boquete, in partines.
2 2895. Folum acultationsimme	Jacq.	Arund El Boquete, in cleanings. Very spinse. Fr. pale yellow. Fr. white.
2 2896. Begmin stegmosa Lindl.	Begoniaceae	around El Boquete, in shady firest.
2897 Mauria Birringo (L.) Eulame. Zvrillo colorado	Anacardia seae	Armond El Boquete, a small tree. Bask greenish.
: 2898-Piper	Piperaceae	Armind bl Boquete, in firest
2899. Piper Chamissonis rubellibracteum 6.56.		
- 2900. Eupaterin	Compositae	armo El Boquete, in cleanings.
		Arund & Boquete, in cleanings; trailing

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		March 22 1911.
2 2902	Urticaceae	arund bl Boquete, a Bushy shub, ± 2m. high.
22903	Compositae	Arund bl Boquete, in partures.
2 2904	Compositue	Around El Boquete, in parties
2 2905	Compositae	Arand El Boquete, in partures
: 2906 brechttes hieracifolia (L.) Ref.	Compintal	Arund El Boguete, in parties
2907. Solanum tarvuru Sw.		around be Boquete, in cleanings. A shoul, woody, 2 on high . It. laye, white
- 2908. Fp	Convolvulaceae	Arund El Boquete, trailing on huskes.
- 2909. Furmrea		Arund El Boquete, si clearings.

March 3= 1911 2 2910. Salva menthiformis Fern, around El Boquete, in pastures. Fl. arure flue. Urund El Boquete, a small tree in parture. Fl. white, hairy inside ?! !. 22911 - Realy john? Myrtaceae Urrayan abound be Boquete, along hedges. 2 2912 . Acalypha alopecurvides Jacq. 2913. Fiper Peperamia passiciola. Hinojelo around El Brigate, a low bustonin parties of set 2914_ Terophulariacene , armond El Boquete, a fleshy herb forming bushes, & In high. H. white Around El Bognete, in partines along viver. · - 2915. Lammronnia Jutherezii Piperaceae 2915 a Peperomios passuievla 6. H. around El Bognete, in edge of parties, a treelet with but stems. Cujohorbiaceae - 2916. Acalypha Berraquillo Rufiaçae Tramo El Bogaete, a shoul or treelet. F. pinkish white. - 2917. Rondeletia amoena Henrs.

March 32 2 2918 Gacara erosa (L.) Kunhze arund El Boquete, a vine trailing in hishes. The purplish flue. arund bl Boquete, in shady firest. Fl. white. 2.2919 2 2920- Priduin guajava armond & Boquete. a small tree in pastures. 2921. Seperomia armind of Boquete, on tree trunks. Leaves striped with purple land. arnend bl Boquete, in frest. Erunk & 3 m. Teternooles varying from - 2922 Geonoma Palma verde 2 cm. to \$ 30 cm. Moraceae arund El Boguete, in firest edges. Fruits outher large, yellmich preen - 2923. Ficus padifolia H. B.K. purple dottes. Decidures! arund El Boquete, in pastures: Il. fire red. - 2924. Crumfetta speciosa Seemann Caillo (cadillo?) around El Boquete, in firest edges. a 2925. Malvaviscus arboreus Hoanie Baker amapola

A	. ,	March 32 1911.
2926. Lantana Camara Yan Rafaelito	Verbenaceae	armo El Boquete, commen.
Sangrillo. La leche para que no se juique la dentada		armend bl Bognete, a tree with flat crown.
	Compositre	Arund El Boquete in firest edge. 1.50-2m. high. F. while
2929. Pavo. Madera se usa para loña.	Analiana	around El Boquete, a frequent tree in partices and in frests of 22 growth
2930. Siper chirigainum 6.86.	Piperaceae	Arund El Boquete, on parture edges.
2931. Conostegia Xalafonsis Banfal Canillito. Le usa para leña	h) Don	around El Boguete. A treelet with white flower.
2932. Pheradendren undiclatum bichl. Lengua de vaca; matapelo	Geranthaure	around el Boquete, henzing from trees.
The state of the s	2927. Croten panamensis Mell Arg. Sangrillo. La Echa para que no se piegre la dentada para leña. 2928. Perbesina nicaraquensis Benth. Ehumiquito 2929. Savo. Madera se usa para loña. 2930. Siper chiriquinum 6.86. 2931. Conestegia Xala ferrais (Barifel Canillito. Se usa para leña 2932. Pheradendron indichatum bich! Sengua de vasa; matapalo 2933. Salvono	San Rafaelito 2927. Crotin panamensis Mill. Mrg. Cupherhaceae Sangrillo. La licha para que no se pique la deutadum. La maden sels para leña. 2928. Perbesina nicaraquensis Benth. Compristae Ekumiquito 2929. Roberta nusa para loña. 2930. Riper chiriquinum 6.86. Piperaceae 2931. Conortegia Xalafensis (Barifel) Done Canillito. Se usa para leña 2932. Phiradendrin indictatum bichl. Geranthaux Luguo da verez; matapalo 2933. Calvino Urahaux

Z	2934	Fungus	round El Boquete
Α,	2935	Fungus	round bl Boquete
γ.	2936. Helicomia		mend bl Boquete, in high front. Breats cleap red, Spikes hanging.
	2937. Phoebe effusat Meison. Ligua blanco. Madera empleada para construc	Lauraceae cièmes.	mend El Boguete, in high frost. A large tree.
	2938_ Ulmus mexicana Pl. *Ceniza. Madera usada para unstrucciones.	Ulmaceae	mend El Boquete, in high firest. A very large tree, Up to 1.30 im. in mater at base; trunk = 20 m. high. total height 30-40 m. Bark gray, scaly.
	2939	Urticaceae	ound bl Boquete, in shady forest. Il treelet 2-4m. high. Fl. polipink.
	2940. Piper callibracteum 6. Db.	Piperaceae	mind bl Boquete, in shady firest. A treelet, 1.50-2m. high. Strong mia- in breadth and immotince of leaf.
	2941	Compositre Co	ound El Boquete, in sharly frest. A treelet 2-3m. high, several stames same stock. Il. white

Panama continued

Plantes avec les fleurs sur les feuilles (phyllodes)

Ruscus } Les feuilles sont ici de vrais phyllodes.

Phyllanthus

Phyllonoma

293

2 2 93

2 293

293

- 293

. 29.

- 29.

March 32 1911 2 29.2942. Samania arund El Boquete, Chirique. a treelet, ramifies from the base. around El Boquete, an shady frest. 2 29. 2943_ Hamelia batens Jacq. 29.2944_ Sagran Arund Il Boquete, in hedge I middle sized tree. Fl. whole. Tajinillo. Wood used for fuel - 29. 2945_ Criosema diffusum (H.B.K.) Dm. Leguminosae Arund & Boquete, in partines. Il. yellow. 29. 2946-Priduim molle Bertal. around El Boquete, in hurkes and sevenes. a shoul. Il. white, for Guayavito de savana small, grean. · - 292947. Asclepias curessavica L. Asclepiadacen Around El Boquete. a commo merd. Marcasa. Las hojas se usan para curar úlceras. 29 2948 around El Boquete, in huskes. a treelet, 2-3m. high. Chiresque - Excreta una goma que se usa para sanar quetraduras de huesos. Comprester - Grand & Boguete, in fashes. A trailing shoul. - 29 2949

		2
March	3	

292950 Régiphila mollis Kunsh Derbenacere Armed Boquete. A shoul in hushes.

berrimiento-Used to cure facial pains caused by wes

292951Stigmabhyllon elliplisium Malpighiaure Armo Boquete. Avine.

29 2952 Umbelliferne Arnund El Bognete. 2 m high. Ft. greenish yeller.

29 2953. Solanum lauri faluin Mill Arund El Boquete. Atreelet; fl. pale purple.

29 2954. Entodon Hampeanus C. M. Male vice Armo El Boquete, in Astiques Homes wingle, 2-3 Ligh. 2954 and Mittenothamnium imbricatulum bard.

292955. Rhacopilum tomentosum (Hedw.) Milt. Musii Arund El Bognete, on tree trunks Chaidium minutalum [Hedw.) Schimp.

· 29 2957

292956_ Polytrichum Antillarum Rich. Musci Arund El Boguete, on old tumks. Laizest moss seen.

Palmax Armud El Boguete, in forest. 1-2 m high.

March 4, 1911.

292958- Piper geniculatum Sw. forma d. 6.86. Pipera ve ac Arund El Boquete. A treelet 3-4m. high, in shady forest.

29 2959 Solenum Toroure Olv. Golanaceae Armold Boquete, in charings. Fl. white.

292960_Heliopsis bujohthalmoides (Jacq. Sun. Compositae armind & Boquete, in cleanings

29 2961. Serjanea rufisepala Radl. Sapindaceae Arnud & Boquete, along river, trailing on treed. The yellowish white. Granadillo negro. Beginco de musho uso para amarrar.

29 2962. Epidendrum radicans Jacq. Prehidaceae Arund & Boquete, along river. Correctuel? Fl. fire red.

Le guminosae Armod El Boquete, in partines. Fl. pinkish purple Frailing

Tilices Armed El Bognete. Epiphytic

292964

- 29 2965 An hurum

Araceae Aramo El Bognete, bjeighytie er m stones.

29 2966 Stechy costarieus	is Bry Latiatae	March 4 1911 Arund El Boquete, in stony pastaces. The purplish puik.
29 2967. Graphalum Fler de seda		Arund El Boguete, in stony postures.
2 29 2968. Lysirhynchum		Arnund El Boquete, in partice. Fl. yellow.
29 2969. Créchopilea tertilis Lindl. 29 2970. Oralis May omi	Prohidavere Standly	Armed bl Boquete. Eperphytec. Esrolla purple. Sep. and 2 nanow pet. purplish green. Broad petal conchisorm, nanow and adnote to column at base and then troadening into a circle-like exponsion lotate on the margin; the whole petal white outside, him. deans purple inside. Columna and pollinium white, the latter over 5 mm. ling. (Columna in alcool). Armed bl Boquete, in shady firest along river. A shreet; fl. yellow.
2921_	Filices	Armnd El Bognete, Espiephytic in shady firest along river.
292972	Gesneracea	Around El Boquete, in shady firest. A shrub. F. fire-red.
292973. Epidendrum florihundum H.	BK. Orchidaceae	Avound El Bogate, in shady first. Hens up to 2 mlng. Labellum with purple design on white ground.

2 2 9 74. Fuchna urberesuns

March 4th 1911 Arund El Boguete. A mall Tree.

292975. Odontonema flagellum (Perst.) O. Kuntze.

Acambaceae

arund & Bognete, in shady firest. a shoul. Fr. Maplet red.

292976. Ardisia Compressa HB.K.
Writa. (Eucuico de E.R.).

armo El Boguete, in the by firest. a treelet 3-5th high. Fl. white

29 2977 Neurolaena lobata Compositae Contra-gavilana

armed El Boquete, along river.

29 2978 Spiranthes elata Rich.

Drehi daces

Arnund bl Boquete, in shady front. Emostical, proving in light humas. Fl. greenish.

- 21 2979. Canna silvestris Roscoe

Cannaceae arund bl Boquete, in shedy fruit. Fl. fire-red.

24 2980. Peperomia

Piperaceae arund El Boquete, in thedy firest, epiphylie.

a 29 2981. Scappy glottis

Orchidaceae

armend El Boquete, is shady frest, epiphytic.

			March 4th 1911
2 2	2982	Filices	Arund El Boquete, in shady firest.
. 2	9 2983-Justicia glabra (Perst.) Benk. & Hook,	Runthreen	arnend bl Boguete. In stones in shady firest.
4 2	3 2984_ Peperomia	Piperaceae	Armod bl Boguete. On stones in shady forest
÷ 2	9 2985- Picrammia Carpinterae Volent	Simarubacea	around bl Boquete, in shady firest. A treelet with flat corner.
	29 2986	Golanaceae	Around El Boquete, in shady forest. Stem herbacens, straight
		Bromelia «au	und erect, crowned by specimens. Leaves reloctly above. Fl. mall, white. Fruit like a pepper. Armind El Boquete. Epiphytic.
	29 2988. Odontoglossum cariniferum Rohb. fil.	Orchi daceae	Armend El Boquete Episphytic, balya greenish outside, brown inside. Lakellusa white, with pink appendages at base. Columna yellow inside, the
0	29 2989- Pleurothallis dubin R. Rich. 2 Gal.	*Orchidaceae	galea pinkish. Spikes + 2 m. long. All fl. apparently sterile but me Armus El Boguete. Epishytec. H. meel, yellow.

The second second

March H, 1911

2 2 990. Pleurothallis laneipstala / Rohb. f. Schlir. Orchidaceae

arund El Boguete. Epiphytic. Fl. small, in unilateral spikes, yellow

2 29 2991 Marilleria

Orchidaceae

arund bl Boquete. Chiphytic. Calya whitish outside, yellowish inside. Petals white. Labellum white, with from spots on margin.

2 2992 - Oncidium megalous Lhltr.

Orchi da wax

arnund of Boquete. Spiphytec. Most fluvers reduced to 4 linear appendages, the others rather large, Labellum pure yellow encept face with transverse from maculi. antheridium and cap yellow. Calyx also with trensverse frewn yests.

i 29 2993_ Lantana

Verbenaceae

Grand El Boquete, in partures. Fl. purple.

24 2994. Typseplocos chiriquensis Pitt. sp.n. Camalen. La madera se usa solo para leña.

Tymplocaceae around El Boquete, along river. a tree 50 cm. in diam. & ± 30 thigh. Leave and junk, perfumed flowers at end of branchlets.

2 2995-Vernonia) Viguiera canescens D.C.

Compositae around & Boquete, on forest edges. Very odoraus. FE. purplish or pinking. Sullignous 2-4m. high.

2! 2996-Mikania graso HTB

Compositae avoiend El Boquete, in cleanings.

2997 Miconia aerugunasa Mand.

around El Boquete, in perh places in cleanings and firest edges. H. white.

				m 5-6
~	2	2998_	Lauraceae	March. 5-6 Arund El Bognete, along the river. A tree; fl. yellow.
K	2,	2999-Polytriehum antillarum Rich.	Musci	Cerro de Lino, abore El Boquete, on rocks.
A.	2	3000_	Lechon	berro de Lino, above El Boguete, on trunks.
	24	3001. Crescentia Somell-Dimillie	Sprague	Arund el Boquete, in words along river, a small tree, 3-4m. high, with. hanging branches. Fl. all terminal.
	2,	3002 - Wigandia		Arund bl Boquete, sin open places along river. 2-3 m. high.
	2	3003. Lycopodium		Around El Boquete, on trees along river.
	2	3004	Filices	Armond El Boquete, in trees along river
Q	2	3005	1. Lichen	around El Boguete, on trees.

					$M \rightarrow C$
	2		3006	Lichen	March 6. Ulmg Baldera R. at Boquete, in trees.
	2		3007	Ly copo diim	Abund El Boguete, on trees along river.
	* **	2	3008. Byrsonina bumingiana Adr. Juss. = B. crassifolia (L) F	Malpighia ceae	Armod El Bognete. A tree 2 10 m. high.
			V		Armind El Boquete, epiphytic.
		2,	3010	Bromeliaceae	Around El Boquete, epiphytic. Fl. purple.
		2	3011 Tilludsia væreegate Sale	Bromeliacen	Around El Boquete, epiphytic. Fl. pusple.
	-	2.	3012_Maxillaria aciantha Robb. f.	Irchielacea	Armind El Boquete. Epiphytic. Pl. yellow
A MARINE	0	2	3013_Scafshyglottis	Orche dacea	Armind El Boquete. Epijshytie. It. white, or freenish or purplish wh.

7	2	3014 Uva. Fr. editle	Ericaceae	Armod El Boquete. Epiphytic on trees along river
~	2	3015. Lanshonylum Limoncello Planch. & Derst. Limoncillo	Rutacere	Armend El. Bognete. A little tree, 2-4 m. high.
8	2	3016. Adiantum		armed bl Boquete, cliffs along river.
	21	3017. Maillana variabilis Batem.	Orchidacea	Arund bl Boquete, on trees along river. Ahundent on top of borro de Lois.
	. 2,	3018. Maxillaria iridifolia Rehb. fil.	Or chidacece	Arund El Boquete, in trees along river. Hanging.
•	2	3019. Fissidens asplonioides (kv.) Hedw.	Hejakca	Around bl Begnete, on rocks along orier.
	2	3020	Hepatica	Arand El Boquete, on rocks along river
٥	2	3021	Lichen	Urning El Bogute, along river on trumks.

CHECKER OF THE PROPERTY OF THE

March 6, 1911.

2 3022-borms disciflara DC.

armed bl Boquete, in first midway to berro Line. I tree.

2. 3028. Piper pseudopropinguum 6.86.

Piperaceae arund El Boquete, in firest above total. Il small tree.

2 3024 Rondeletia amvena Hemst.

Rubiaceae In top of berro de Lino. a mall tree

25 3026 Grotataria Mulliflara M. T.

2 302 6. Botrychuin

Tilices arund El Boquete, midway to berro Line.

2 302 J. asplonin praemorsum.

Filices Caro de Lino, en rocks.

3028. anthurium trinerve Mig.

araceae berro de Lino, m rocks.

3029- Rhus jiglandifolia H.B.K. Cedrito pino. La leche empolla

Anacardiautronno El Boquete. A tree of middle size. Th. white.

March 5th

Cerro de Lino, on rocks

- 2 3031. Elethra lanata mart. & Gal.

3030 Gelagirilla

Clethraceae berro de Lino. A small tree. F. white.

= 2 3032

Ericaceae berro de Lino. A mall tree. Corollae pinkish white.

21 3033_Pitcairma

Cerro de Lino on rocks. Fr. searlet red.

2. 3034 Maxillaria variabilis Batem.

Orchidaceae berro de Lino, mrocks

2 3035. Hyperieum gråsdioides Elen. beno de Lino, en rocks.

Escicaceae Cerro de Lino, a small tree.

3037. Rellunium

Rabiaren Cerro de Lino. Pl. white.

		March 6 th
2 3038	bricaceae.	Cerro de Lino; a mull tree. Fr. white.
-2. 3039. Saurania?		Arund El Boquete, along river. Pl. white. Leaves mooth.
2 3040 Centradenia magnilateralis	S. & C. Don	Armond El Boquete, in cliffs along river.
3041. Paspalum paniculatum L:	Graminae	arund El Boquete, in cultivated primad.
2. 3042-Chaetochloa imberbis Geriba.	Graminere	Armind El Boquete, in cultivated grunds.
2 3043_Panicum viscidellum Scribn.	Graminae	Arund & Boquete, in thady places.
3044	Golanaceae	Armond El Boquete, in shady places.
3045 Sorocea affinis Hemsley. Berba macho	Moraceae	around El Boquete. Il small tree.

March 6th.

arund El Boquete, in ditches

2. 3047. Epidendrum campylostalis Rohb. f.

Orchidacere

armind El Boquete. Epiphytic. Lapels broader than 2 order petals, purple with 3 stries and margin green. Outer petals pourplish with 1 strie and margin preen bolumn green sported with purple. Labellum pohite.

2 3048 Epidendrum vostarieuse Rohb. J.

Prosidaceae

Arund El Boquete. Epiphytic

2) 3049- Cyperus Jacquinii [H. B. K.].

Coperaceae

armind El Boquete, in coffee plantations

2. 3050_ Sonchus

3046. Lemna

armond bl Bognete, in coffee plantations.

2 3051_ Trichopilia Turrialbae Rehb. f.

Orchidaux

armed bl Boqueta. Sepalo and outer petals entirely white. Labellum white outside.

with a few pink and golden spots inside. Columna white, adnate to labellum on 3/3
of its length. [bolum. in alcool].

araceae

Near El Ladvillo, above El Boquete. Chiphytic

2 3052

2 3053, Pieramonia Carpinteral Volar

Near El Ladrillo, alux El Boquete, U mill tre.

March 6, 1911.

2 3054. Geissomeria lolivides Lind. sp. nov. Acanthaux Near El Ladrillo, above El Bognete.

-2: 3055. Eughen? Valisourea lanceolata Deret.

Above El Bognete, along Caldera R. Fr. purple

2 3056. Hoffmannia usychotriaefolia Hemst. Rubiaceae

Near El Ladrillo, above El Boguete. A small tree, 2-4m. h. fl. yellow.

2 3057. Eupatorium Chieleanum Klatt.

Compositae

Near et Ladrillo, in cleanings. Ft. white.

2 3058

Cornciferac

Hear Rio Ladrillo, in coffee plantalien. Fl. greenish yellow.

2 3059 Genolobus

"Near Rio Ladrillo. A nielky vine. Fl. greenisk yellow, with black

2 3060

Near R. Ladrillo, in dry stopes. Thrub. The greenish white.

· 2 3061 Jeneero

Near R. Ladrillo, in clearings. 2-2.50 high.

~ 2	3062- anthuruin · Araceae	Ulmg R. Ladrillo, on dry slopes. Terrestrial.
~ 2	3063_ Anthurum Araceae	Almg R. Ladrillo, on dry stopes. Exercistical.
2	3064. Hylobuim elongatum Genesh. Orchidaceae	Along R. Ladrillo, in firest. Epiphytic. Spur shick and Strongly marked. F. 3, sallow white; labellow. yellow with purple stries and pots.
- 2	3065 Avaliacens	Alnez R. Caldera, above El Boquete. Carasitec.
- 2	3066. Stecta	Pling R. Caldera above bl Bequete, in Trees.
. 2	3067. Phyllanthus Lathyroides HBK.	March 10 = 19/1 Camp 1., along creek. a line shoul
- 2	3068. Caheoluria iraquensis D. Sens	Camp 1. along creek; also on lower burnt hill and up to camp 2. FE. yellow.
	3069-Chusquea tessellata Gramina	Camp 2. Common as underbrush.

2	3070. Deppea longipes Handley n. sp. Pubiciere	March 18-13th 1911. Comp 1, along creek. a treelet with bright jellow flowers.
- 2	3071 Liliacene	Camp 2, in firest edge, but also from foot of lover hurnt hell, na. Ther immon. Ft. white.
~ 2	3072 Lobeliacene	Here.
- 2	3073, Dendrojshthora biserrula bichl. Loranthicen	Camp 2, marasité m Myrtacesus ; ? trees.
. 2	3074. Berberis	Camp 2, an forest edges. a little tree or shrub, not wer 2 thigh.
2	3075. Vaccinin Derstedie (Berg) Heurst	Campo 2, on firest edges. A treelet 2-4m. high. Pl. white with pink tinges. Fr. bluish black.
- 2	3076. Relbunium hypocarpium Hemsl. Rubiaceae	Camp 2, in bushes in Jurest edges. Wide altitude range.
• 2	3077. Vaccinium	Camp 2, on forest edges, also everywhere in upper tree belt, in summy places, but was not seem to reach so high as following.

2 3078 Baccinaine Paricace Rel.	eace Campo 2, on forest edge, and in savannes, varying from a low shirt 200 20-30 cm. high to a treelet 2 "high. Reaches to the top of the volume
2 3079- Escallonia poasana Immell hnish Gazifra	gacear bamp 2, in firest edge . Just hedding . Reaches to upper limit of
2 3080-Efrédendrum polyanshum Lindl. Orchide	3-partes, each loke 2-lobulate, also bruns. Columna green at hase.
2 3081. Frantzia & Killieri (Cogu.) Pettiér	Camp. 1. A vine. Fl. pale yollow or greenish.
2 3082. Heliocarpus popayanensis H. B.K. Ciliace. Majagua babosa	are bosses 1. at tree \$5-25 m. high. with straight tunk, soft wood and month bark.
Rubiau	Lamp 1., on sandy grund along neek.
2 3084 Deatea Blake! Laurace	Hat butterses. a characteristic tree for the felt between camp
3085 Chus que a Pittieri Hack. Grammer	1 and Punta alta and Topo Between statement Sound (6, domineering and characteristic.

March 10-13 th 1911. 3086. Maytenus blepharodes Pithir sp.n. Belastracene. Camp 2, on edge of firest. a small tree, 2- It m. high with renall colya, dark red color. Flamous 6, yeliso. 2 3087 From Comp 2 to top of volcano in dry, many places Compositae 2 3088. Castilleja From foot of 20 hunt hill to top of volcano. From station above camp 2 to top of mountain, in dry, many places. 3089- Eupatorium chiriquense Robinson Compositae From campo 2 to top of volume, in many places. The numbersh. 2 3090 2. 3091 Arcytophyllum lavarenn Schum Rubiaceae Upper belt of volcano. Il low shoul. Fl. purplish white. 2 3092. Hypericum gridioides Deeu. Upper belt of volcano. From campo 2 to tops of volcano. 3093. Gnaphalum

			March 10-13 1911.
~	2	3094. Senecio Perstedii	Top of Volcan de Chirique_ Not wer 40 cm. kigh.
ó	.2	3095 Ericacea	From Camp 2 to upper limit of firest. Attalet 2-3 m high.
	2	3096. Geraniim guatemalense Knuth Gerani	rceae On the edge of first at camp 2. Pt. purple.
	î Î	3097- Alegopogon cen chrocides Humb. & Bplad. Gramin	ae Upper vært of Chirique' volcano.
	2	3098 Caryopa	Mayer crest of Chirique volume.
		3099 Myrrhoden drm	In humis vale above camp 2. Reaches 2 the high.
-	2	3100. Dendrophthera estaricensis Urban Lorano	hacene On Myrisia and oaks, upper helt of firest.
c	2	3101. Agrostis tolucensis H.B.K. Gram	Myper helt of Chinique volcano, in isolated trofts.

4	2	3102	Cricaceae	March 10-13 th 1911. Upper tree belt, between barometric station and limit of trees, a parintic should?
0	,2	3103. Agrostis Pittieri Hack.	Graminae	Upper gone of Chirique volcano.
•	2	3104. Solanum diadontum Bitter, sp.n.	Golana ceae	Humis ravine above camp 2, trailing on hushes.
	2	3105. Galvia	Labeatre	Humis ravine above camp 2, very abundant. Corolla puil.
	2	3106 Lappula mericang (C. 75.) Green	Borraginaum	Humid ravine above camp 2. A high herb, (1.50).
	2	3107	Phytolaceaceae	Humis ravine above camp 2. Ahundant and gregacions.
	2	3108. Peperomia allagatada 6.86.	Piperaceae	Humis ravine above camp 2. brect, fleshy.
	2	3109. Birtus Lebazia triangular	no Blake typ	Humis ravine above camp 2. Crailing, fl. purplish entride, while inside.

			March 10-13th, 1911. Savana above bl Boguete. a small tree, 4-5m. high, with many
·/.	2	3110. Myrtaceae	Savana above bl Boquete. a small tree, 4-5 m. high, with many
			white flewers.
0	2	3111_ Phaseolus chiriquinus Handley yon. Leguminosae	First hunt hill, below bassips 1, very ahendant
	4		
q	2	3112_Meibomia Maxonii Standley "Papilionatae	First hunt hill, below comp 1. hablignose, 2" high, very sheadant,
		Onz_ravorma reasonas	Jl. purple:
	2	3113 Palicourea lanceolata Benth Lythraceae	around Camp 1, in genge. Ft. pusple
	2	200 to 1. Something Dung	Behveen stations 5 & 6. May be 2 menes
	1	3114. Fuchna foarviflora Juce.	The transfer of the state of th
4	2	3115_Epidendrum tetraceros Rohb. f. Or shi daven	Utunt reation 5, very abundant on oaks and ground. Aster Lettel's lines late
			ante, brewnich green and thing ontide, brewnish with lighter margin inside. Interpetals narrow lance olate and brunish. Latellus yellow with pink spot. 2 small A
	. 9	P.	Partir petals narrow lance olate and brownish. Latelless yellow with pink spot. 2 soule 1
	N V	3116. Piper minutispicum 6.86. Piperaceae	Tak forest at base of menutain, for ming the sons-foron on large areas.
A CANADA AND AND AND AND AND AND AND AND AN			
	. 2	3117 Antisia Maranii Staule Ardisia Maranii Staule	Alto de Cuesta, near camp 1. Ol small trec, 3 m. high. Fl. jule pink.
		Secreta iraquencia Geret.)	
		ardisia Majoni Staude	

March	10	-/3	th
Maron	10	10	

2 3118. Psychotria chiricana Standley Rubiaceae Ulto de Cuesta, near campo 1. A treelet, 3 mhigh. Fl. white

2 3/19 Monnina Polygelaceae. Ulto de Cuesta, near camp 1, and below. A shoul 1-2 m. high.

2 3120. Rondeletia amvena Hemsl. Rubiaceae Alto de Cuesta, near camp 1. A shrub.

3121. Conopholis americana Wallr. Orobanchaceae Parasitie on oakroots in selva de Chango atme el Salto, very ahundant.

Alto del Cerro Quemado, in open places.

Bamp 1, along creek and farther above in gorge.

3124. Jahrophe gorggiifolia L. var elegans (Klotsch) Muel. Arz. Eugh & Boguete, cultivated Frailicillo-med.

3122 - Gnaphaluin

3123. Cardamine

3125- Baccharis

Uling El Boquete, a shrub or tuelet

4	2	3126 Commelynaceae	March 16, 1911 Raine of El Salto above El Boquete. Perigon hairy, thue. Plant meadent, about 60 cm. high.
٨	2	3/27. Ruhis costaricanus Liebm. Rosaceae	Dry hishes around El Boquete. Flowers junkish white. Frists musel with few berries.
9	2	2128 der Amarillo	around El Boquete in dry places. Berry thing, Hack. A small tree 3-4m. high, with yellow wood.
	2	3/29. Crema canescens Blume Urticaceae Majagua de sahino	Aramo El Boquete, a middle sizes, spreading tree.
	2		arund El Boquete, a middle nized, spreading tree. A. White.
4	₽	3/3/Perses Veraguensis Segue. Lauraceae.	armed El Boqueta, a small tree, 4-5m. high, with owned winn.
	2	3132 Persea Schiedeana Nees. Uguacatin Fruits editle and fine. Lauraveau	Foot of el Salto ravine. A very large tree, 60-70 high and 1. 1. 20 diam. at base. Fl. brewnish yellow. Fruits (not seen) about
0	2	3133 Siper iembellatum mbgeltatum E.DE. Piperaceae	Tout of El Salto ravine. Subliquose, up to 2. 50 high. Hens hairy of the string.

- 2	3134 Salvia uroßlylla Brig	Labiatae	March 16. 1911. Ravine of El Salto, above El Boquete Cor. white.
. 2	3135. Ruhus eriocarpus Liehm. Yanzamma.	Rosaceae	Armed El Boquete, in nuny places. Il. small, white. Fr. large.
- 2	3136	Compontae	Arund El Boquete, in hishes. Shoul about 2" high. Fl. white.
- 2	3137. Sommera mesochora Standley	Rubiaceae	Arund El Boquete, in firest and shady places. A small tree. It. white
2	3138. Malvariscus arboneus Hvanci Baker	Melvaceae	Pièr de la cuesta de Quiel, above El Boguete. A shrub. Fruit scorlet red, shing.
. 3	3/39. Rubus trichomallus Cham. & Schl.	Rosaceae	Piè de la excerta de Quiel, above El Boquete, in bushes. The very mall, white; fr. mall, dense.
. 2	3140. bolliandra tetragona (Willd/Buth. Aromillo	Mimosaceae	Piè de la cuesta de Quiel, above El Boguete, in hishes. A small tree, 2-4m high. Fl. white
<i>a Q</i>	3141- Vitis Tiliaetolia Beginco de agua		Piè de la cuesta de luiel, above El Boqueter Leen at about 1800=

The state of the state of

			March 16th
, 2	3142 Conostegia	Melastomataca	Pied de la cuerta de Quiel, above el Boquete. A mall tree, + 6 majh.
			Revenes terminal. Cerolla multilohed, white.
. 2	3143_bedrela sp. bedro	Meliaceae	Piè de la cuesta de Quiel, above el Boquete. A sapling with very large
	Cedro		leaflets, growing in the shade, 4 m. high, another younger in runny exposition with smaller leaflets.
- 2	3144 Crichilia havanensis Jaeg.	Melia cere?	Pie de la cuesta de Quiel, abové el Bognete. A tree ± 20 m. high. Fl. granish white.
2	3145 Gynandropsie chirique u	apparidacoai,	Umg Caldera R. below Quiel. Fl. scarlet red.
2	3146 Gigua	Lauracea	Along baldera R. below Quiel. A tree.
. 2	3147	Ascle pià da ceae	Along beldera R. below Quiel. A vine. Corolla tube green on tride, as well as wight margin of dark purple erum.
. 2	3148_ Sanieula	Umbelleferae	Almy Caldera R. Seluo Quiel.
. 2	3149. Geissomeria lolioides Lind. 15. nov.	Acanthaceae	Along Rio Coldera below Zwiel. Fl. pinklock purple.

		16, 1911. Almg R. Caldera below Quiel. Epiphytic
• 2	3151. Mustera Friedrichsthalii Schott. Araceae	Along R. Caldera below Quiel. Criphytic
- 2	3152-Begonia Seemanniana A.DC. Begoniacere	Along R. Caldera below Zwiel, in Mady damp places.
2	3153 Elaterium trianace Cogne Cauchitaine	Almy R. Caldera below Quiel, in coll, shady places: Hi yellow.
2	3154. Sesmopris Maamii Sefford. n. 49. Anonaceae	arund El Boquete, in firest. FE. pale yellow.
4	3155 Evolvulus	Armind El Boquete, in pastures, commen.
. 2	3156. Calceolaria	In danip forest, upper eamp. Volcan de Chiri que : fregariss.
4 2	3157.	March 17-19, 1911. From P. Ladvillo to Camp. Leaves S. Fl. purplish pink.

. 2	3158.	Gesneraceae	March 17.19, 1911. Between Rio Ladrillo and Plateau at foot of 6. Horqueta. Herba- koms. Fl. red. In many places.
• 2	3159-Jasminum		Bohven R. Ladrillo and Los Siguas. A small tree, with straight trunk. & 6m. high, er own pyramidal, fl. purplish white, overmes
- 2	3160. Anthurum joseanum Engl.	Araceae	Between R. Gadrillo and Los hones. Epipohytic.
. 2	3161_ anthurum		Behveen R. Ladrillo and Los Ligues. Epiphytic.
2	3162. Rheedia Gatra de montaña.		Between R. Ladrillo and Los Signas. A small tree, gruing on ridges. It. small, petals first reflected and soon falling. Fruit ± 3 m. dwin. [not seen] editle
	3163. Piper Maxonic 6.86.	Piperaceae	Between R. Ladrillo and first hill (all.), in shady places. A fine, erect webt, 4-5 m. high. Amenta erect.
2	3164. Piper Maxonii 6.86.	Si peraceae	Between R. Ladrillo and first hill, in cool places along river. Amounta housing. Up to Los figures
, Sp	3165_ Sapuim		Clearing Rhouge R. Ladrillo, seems distinct from n.

	March	17,1911
RESERVED SIN SOUTH TO	3166-Ruellia Dellora Haix.	Almg R. Ladullo, near month. Ft. large, purplish blue.
. 2	3167- Ardisia Matorini Standl. Myrsina ceae Kvilla.	In hills leading to Los Siguas. A treelet growing in namy places, 3.4m high.
- 2	Hvilla. 3168 Cerst.) 3168	From first hill to Los Ligues. Verying from a few ann. to 2 "high.
- 2	*3169 Salm	Armine Los Liques. Olive up. must apply to this sp., seen from the Jessemine hill (alt.) to near the tops of Horqueta.
2	3170_ Gol Glanaceae	Alma R. La diillo, in damp places. R low shoul. P. camponalate, yellow.
٠. ئ	3171 Salm	Arumo Los Siguas. Low (± 1m.), not frequent.
2	3172. Begonia mueronistépula 6.86 Begoniaceae	From Jasmin Hill to Los Siguas. Entirely most Leaves green above, flewerns below. Outer seguels pink.
9	3173. Lepanthes eciliata Schlir. sp. nov. Orchids	Arand Los Liquas, Epighytic. Fl. salmon, with purple lines inside.

	S. C.	3174	Hepatic	Urand Gos Liguas, Langing from trees.
•	2	3175	Hepatic	Armod Los Gignas, Langing from trees.
•	2	3176. Chondrorrhycha Lendyana Rohb. J. (Rolfe?).	Orchis	Urund Los Liques. Petals and sepels whole, and also when.
	2	3177	Melastimat	Armend Los Siguas. A treelet, ramere from have, 2-3" high, graving in summy places. Corolla pink.
	2	3178 Moustera Parkeriana Ghott.	araceae	arund Los Liquas. Epiphytic. News II distant. Fraka cresm colored.
		3179-Monstera pertusa (L.) de Vriese	Araceae	arund Los Liques. Epiphytic. Merves II numerous and close. Gutha salson.
	2	3180_Parmelia		arund Los Liquas, on tree trunks
	· ·	3181_ Hieta		armend Los Ligues on tree tunks

		March	17-19/19/1.
. 2	3182 - Stieta		formed Los Ligues, on the tunks.
. 2	3183_ Plerobryum densum (Schwasgr.) Hornsch.	Musei	arund Los Signas, in tree tunks
• 2	3184. Orevkanat oligorarpum &	Archiaum.	Armad Los Liguas, epiphytici.
. 2	3185. Piper tenuimurronatum 6.86.	Piperaceae	Arumed Los Liques. A treelet imder over.
2	3186_Columnea		From Farmin Hill inflicte 200 m above Los Lignas. Epiphytic.
٠ ئ	3187. Anthurium		Arum Los Liques. Spadia orange yellow at naturely
. 2	3188	Masurceae?	arund Los Ligues, in shady firest II. hanging, poil.
4	3189.	Palmae	Arund Los Figues, mi shady, damp forest.

		March	17-19,1911.
. 2	3190	Gesneraceae?	Arund Los Liques, epiphytie. Fr. mly.
. 2	3191. Piper erectamentum 6. DE.	Piperaceae	arund Los Figuas, in shady places. Amenta erect.
- 2	3192	Palm.	From Jamein Hill to Los Liguas. Hen ± 1-1.50 high, very render.
2	3193	Melastimutu.	Armod Los Sigues. Ol small tree, 3-5 th high.
2	3194. Psychotria panamensio Handley	Rutiacea?	Armed Los Liques. A musel tree.
R.	3195_ Marcgravia rectiflora Gr. & Pl.	Marcgraniaure	Arund Los Liquas. Epiphytei
2	3196 Canillo.	Melastometre.	Armed Los Liguas. A tree about 25 m. heigh, 30 cm. diam., with gray, musth bark.
. 2	3197. Seperomia guadrifolia H.B.K.	Piperaceae	Armo Los Liguas. Chiphytic.

		March	17-19,1911
, 2	3198_Randia	Rubiaceae	Armend Los Gignas, a tree with radiate branching, and pyramidal form, 8-10m. high.
. 2	3199. Uncinia jainaicensis Pers.		Arund Los Ligueas.
- 2	3200 Liguaton. Wood used as timber	Lauraceae	Arund Los Liques. a large tree, with eract trunk. ± 60 m.
2	3201 Signa bambita	Lauraceae	armind Los Gigues. A large tree, with erest trunk. ± 50m.
2	3202	Orchie	Armed Los Liguas. Chiphytie. Tr. dark purple.
4	3203-begaromia hygrophylla 6.86, Garrapatilla	Piperaceae	Armine Los Signas. Epiphytic.
. 2	3204- Faramea occidentalis a. Rich		Arund Los Liguas. A small tree.
4	3205	Moraceae?	Permine Los Liguas. Epiphytic?

. 2	3206	brienceae	From Il allo de Las Palmas to top of Horqueta. Bracto pink, worldes white. I show with long, slender, hanging branchets.
. 2	3207	Orchidacen	Behveen Los Sigues & El alto de Las Calmas. Epiphytie. F. derk purple.
- 2	3208. Rhi g ogonium spiniforme (2.) Bruch.	Musci	Between Los Lignes & El alto de Las Palmas. An tree trunks.
2	3209	Campanulaum	Behveen Les Liquas & El alto de las Calmas, in nunny places. Fr. purple.
2	3210 Cestrum	Rutiacere	Behveen Los Figues and El alto de les balmas. Shrub, 3 high. F.
	3211. Palicourea chiricana Standley	Rubiaceae	Between Los Giguas y el allo de la Palma. A treelet, 2-3 mhigh. 98. volphur yellow.
. 2	3212	Aralianeae	Between Les Lignas & el Alto de la Palma. Epiphytic
4	3213 Dendropanax braestans Stand	Araliacene ?12. sp.	From the middle of everta de la Calma, to topo of la Horgueta. Il mull tre.

		March 17	19,1911.
2	3214. Warscewiezella caloglossa Schltr.	Orchidaceae	Between Los Liguas y el alto de las Palmas. Like 3176, but lubellon wich 2 distinctly peuple stricted.
-2	3215. Columnea	Gesneraceae	Lower part of buesta de las Palmas. Epiphytic.
2	32/6_Cuphorbia caracasana Boiss.	Caphortiaceae.	Sower part of Cuesta de las Palmes. A shrub
2	3217_ Ceperomia palmana glabrior 6. 86.	Piperaceae	Uto de Las Palmas. Epiphytec.
2	3218	Rubiaceae	Alto de Las Palmas. A treelet 2"-1"50hejh, Fl. white. Bracts pinthish.
	3219	Companulaceae	Upper part of cuesta de las Palpas, Hanging from trees. Pl. pinkish.
. 2	3220 Epidendrum microdudron Rohb. J.	Orchidaceae	Upper part of buesta de las Palmas. Epiphylic. Pl. greenish yellow.
4 4	3221	Marchantic.	Upper part of buesta de las belones. Housing from tree branches.
		×	

· ·	3222 Palicauren Lauciflora Stan	Rubiaceae	March 17-19. Coesta de la Horqueta, Ol small tree. Fl. greenish purple.
2	3223. Symbolanthus pulcherrimus Gilg	Gentiana ceae	buesta de la Horqueta. Fr. pink. Plant ± 1.50 high.
- 2	3224	Melastimat.	buerta de la Horqueta. El mall tree, 3-4 feet high. TP. pinkish white.
2	3225. Piper palmasanum 6.86.	Piperaceae	buerte de la Horqueta. a shub.
2	3226- Ardisia Compressa H.B.K	Myrsinaceae	buesta de la Herqueta. A treelet, 3 = high.
	3227- Pleurothallis Littians Scholtr.	Orchidaceae	buesta de la Horqueta. Il white. Apparondly terreshiel
2	3228 Helis	Orchidaceae	buesta de la Horqueta. Pl. yellowish white. Epiphytic
2	3229- Gaphosepalum elasmatopus Galtr. sp. nor	r. Orchidacene	bueste de la Horgante. Fl. purplish. Epiphytei.

.

2	3230. Pilea	Urticaceae	Near to the top of Horqueta. Racemes and A. pinkish. Fleshy.
-			
. 2	3231_ Nertera depressa Banks.	Ruhiaceae	Near the top of Horqueta. Fr. white. Fr. red.
2	3232 Drings winteri For	D. Gutteferne?	Near the top of Herqueta. Evenita?
2	3233	Melastomet	Topo of Eerro de la Herqueta. A shoub or treelet.
2	3234	Ericacene	Top of berro de la Horqueta, a small tree, unless epiphytie. P. greenish
	*		white.
·	3235. Psychotria peperomiae Handley	Ryshiane?	Top of berno de la Horqueta. Re shrub.
. 2	3236. Epidendrum microdendrm Rohb. f.	Orchidaceae	Top of berro de la Horqueta. Il. Yellowish green. Equiphytie?
	3237 Palicourea Lauciflora Stand	l. Fishiaure?	Tops of Gerro de la Hirgueta. Fl. greenish purple. A shuit.

			March 17-19th, 1911.
. 2	3238	Geoneraceae	Upper region of Horqueta. Fl. vranze red.
. 2	3239 Hookeriopsis un data (Hedw.) Jaeg. (H. crispa E. M., fide R.S. Williams 3240	Gesteraceae Musci Cyclanthaum	From Los Liguas near to top of la Horqueta. Pl. red, large, almost uncerlate. From lapper part of Eucota de las Calman to top of la Horqueta. Fr. red.
2	3241	Marchantineu	Upper belt of besso de la Hirqueta, in wells.
2	3242. Helis	Orchi dacen	Midway between Los hignes & the alto de las balmes (M.). 3 ent. sepels dark pueple.
ų.	3243 Ornithiduim costaricense Schler, var.	Orchidacen	True Alto de las Palmes to tops of Horqueta. The pale pink.
**************************************	3244 Prnish i duim costaricense Schler.	Orchidacene	From Alto de las balmas to top of Horqueta. Fr. pale pinke, much dower than in 3243. Leaves shorter.
2	3245_ Gaulheria setosa small.	bricaceae	Upper belt of berro de la Horgueta. P. pinikish.

			March	17-19,1911.
•	2	3246		Upper belt of Cerro de la Horgne ta. A mall tree.
4	2	3247. Hoffmannia psychotrinefrant yn. nov.	Rutiaceae	Upper belt of Cerro de la Horqueta. Herbaceous. P. yellnish white.
٩	2	3248. Beginia pubépedécella 6. D6.	Begoniaceae	Upper part of Guesta de la Palma, P. pinkish. Hems & petirles hairy.
	2	3249_Begonia udisilvestris C. Dt.		Upper part of buesta de la Palma. Leaves puiple on margin. Hems & petioles morth.
	2	3250 Psychotria bella Standl.	Gemeraceae?	Upper belt of berro de la Herqueta. Beduncles, bracts e calques punk, crothe white regular.
<	4	3251_ Peperomea	l'iperaceae	Upper belt of berro de la Horqueta.
	4	3252. Gematophyllum auratum Ren. & bard. Daltonia gracilis Mitt.	Musci	Upper belt of Gerro de la Horqueta.
4	V	3253	Campanulaun	Upper kelt of berro de la Herqueta. Epiphytei. Fl. dark purple.

		March 17-19th 1911.
. 2	3254. Miconia atrosangunea Melestimetaur	buerta de la Herqueta. Il lev shrub. Fl. scerlet red.
	3255 Ardisia fallidiflora Stand, Myrniacene?	Upper belt of Cerro de la Argueta. A shoul. Corollee purplish white.
. 2	3256. Lepanthes Maxoni Schl. Orchidace	bresta de la Horgneta. Fl. oran ge yellow, dar ker at center.
	3257 Melestimet.?	Top of berro de la Horqueta. A shrub or treelet. H. greenish.
2	3258- Anthurum Araceae	Upper belt of Cerro de la Horqueta. Epiphytic.
4	3259_ Anthurum scandens Engl. var. violacum & Engl. Araceae	Upper belt of berro de la Herqueta. Equiphytie.
£ .	3260 Melastimata.	buesta de la Horqueta. Epiphytic?
4	3261 Hepatica	A little below el Alto de las Palmes, ma rock.

				March 17-19.
	٤	3262	. ?	buesta de la Horqueta. A shrub. FR. yellow.
· ·	.2	3263_ Solanum		buesta de la Horqueta, Rvine. Fl. pale purple.
P	2	3264. Psychotria aggregata Händley	Rubiaceae.	Everta de la Horqueta. An herbeseurs shoub. Fr. white.
	2	3265	Ruhaceae	Euesta de la Horqueta. Re shrub. Pl. purplish white.
	·\$	3266	Rutiaceae	Alto de las Palmas. Bracts yellow. Corolla white.
	K.	3267 Ardina Compressa	H.B.K	Alto de las Palmas. A mall tree, 3-4" high. Fl. white.
	aka A	3268 Hilumun	Rubiacea	Fran Rio Ladvillo, to Alto de las Calmas. Commin. F. white. Thus 0.40-1=high.
	¥	3269. Seperomia		Abre Los higuas. Espiphytic.

		March 18th
K.	3270. bobaea panamensis Standley	Along Rio Gadrillo, in sunny, yet cool places.
2	3271. Psychotria anomoshyrsa Schum. & J.S. Rubiaceae	From berro del Jasmin to alto de las Palmes. A showt, 1-1.5 high. White . Common. Fr. also white.
. 2		From Gerro del Jarmin to alto de las Palmas. A shrub up to 1.20 kigh, apparently common. Leed only.
2	3273 Cyclanthe cene	Armed los Liquas. Epiphytic in very humes places. Mot seen in fl. or fr.
ą	3274. Mnium ligulatum C.M.: "Musa"	Near top of Cerro Herqueta, in rocks.
4.	3275 Microstylis, aff. has to a see a Corchidac.	Upper belt of beno Herqueta. Terrestuil. Fr. and hads.
**	3276 Melastomat.	Upper helt of berro Horqueta. A treelet.
	3271. Microstylis Pittieri Schlir. sp. nov. Orchidaceae	Upper belt of berro Horgueta.

		March 19th 1911
٠. ٤	3278. Cyclonthaceae	Upper belt of berro Horqueta. Fruct. green. (M.).
. 2	3280 Millinedia laevis Stande	Ceno del Jasmin, on trail to Horqueta. A treelet, 3-4 "high. Like Quartiesen with terrical Leaves.
, 4	3281. Conostegia Melastomatam.	benodel Jasmin, in trail to Horqueta. A treelet 2.3 high. IP.
2	3282 bornus disciflara DC.	Valley of R. La dullo. A very large tree, at least 30 mhigh and 60 - diem.
Ş.	3283. Golanum	In clearings along R. Ladrillo . Fr. white.
	3284. Caryophyll.	Inclearings along R. Ladrillo. Ft. white.
eq.	3279. Chytolacea	The clearings along R. Ladrillo.
4	3285_ Cargophyll.	In clearings along R. Ladrillo.

			March 19th
Re	3286. Passifler a sexflora Juss.	Passifloraceae	In clearings along R. Ladrillo. Fr. purplish black when meture.
2	3287. Malache Maxonii Handley	Malvaceae	In frest along R. Ladrillo. Abent 50-60 cm. high, gregarins. The pink erect.
Q.	3288 Mikamia Valeriana mikan	iae dudl	In cleanings along R. Ladrillo. Hemo montent, winding. The file.
2	3289 - Monnina		In Meanings along R. Ladrillo. ± 1.50 high. Fr. She purple.
2	3290_	Gesneraceae	In firests around bl Boquete. Et low shoul Fl. white.
4	3291.	Loganiacere	In Jerests around El Boquete. P.E. pinkish white.
57	3292. Agrie Salvia Ryptaide	M. 75.	In pertues around be Boquete. Fr. pele purple or that
	3293.	Pungus	In frest on berro del Jasmin. Frail to Herqueta.

arund bl Boquete 3294-Fungus Armo El Boquete 3295 Tungas Brund & Bognete 2 3296 Tabana de la Cortuga, between Boquete and Caldera. A small tree, 4-5 m. high. Fruits black or purple black when ripse. March 28 n.v. Tcaquillo; sortijoc. / In mi alcohol/ March 23 1911. 3298- Clusia Mosea Ishma de la Cortuga, behveen Boquete and Caldera. Fruits large. (Pr. ni alcohol) Copé, Cope grande Tabanana de la Tortuga, between Boquete and Caldara - Fr. mell. 3299. Clusia Cope chico 3300 Biduin oerstedeanum Berg. Thana de la Entiga, behoven Boquete and Caldera. Tr. white. A quayavito arraijan- Med. Infunio /hiter / used in Ino shoul, growing after the fire strong dianhoea. Lequeninosae Themes de Boquete y birtuga, graving after the fire. The yellow. 3301 Eriosema oboratum Bensh. crinitum (H. B. K.) Don.

		March 21st
Re	3302 Escoba	a ceae Tobana de El Boquete, grewing at times to size of a mull tree, but mostly a low shoul.
. 2	3303-Curatella americana L. Sille Chumico palo; wood used for saddles's feeletons.	néaceae Galanas, all the way down from El Boquete to David. Sometimes graning to a tree 35-40 cm. in diameter
4 4	3304_Melochia hirinta Cav. Hierba del soldado-Med.	le à ceae Frânca de la Cortuga. Pl. purple.
*	3305 Clidemia rubra (aubl.) Mart. Melas	tomat. Solona de la Cortuga. A low shoub. Fl. pink, meall.
- P	3306 Miconia allicons (Sw.) Trisua Melas	tomat. Takenas de Boquete y Fortuga, a low shoub, characteristic.
	3307. Lau	-aceae Gebona de la Cortuga, in worded, highest part. A tree 15 th high:
*	3308. Roupala complicata H.B.K. Prote	aceae Tahana de la Fortuga. A mall tree. No fl.
	3309_Cosmibuena ovalis Handley? Rubi	aceal In cliffs along baldera R., ni sabanas de Boquete a Cortuga.

March 21 1911

	THUNDRE EN = DIT
3310. Bohnban Fendleri (Seem.)	Bombacaceae bliffs of baldera rever near Evanca del Boquete. A moell tree (Fr. mi ale.)
3311. Chomaeirista rolundifolia (Pers)	Caesalpiniace Talana de la Cortuga. Fl. yellew.
3312. Phera dendron undulatum Eichl.	Lorantha ceae Jahana del Boquete, on Myrtacesus tree.
3313. Hexisea bidentata Lindl.	Orchidacen Talana de bl Boqueto, epiphytii. F. fire red.
3314. Phaseolus linearis H.B.K.	Le guminosa Sabana de la Cortuga, after fire. Fl. purple.
3315_ Aristida capillacea.	Granina Gabanas de Boquete y Entuga, emmen.
3316	Takenas de El Boguete. Commun.
3317- Bolygala hygrophilu H. B.K.	Polygalaceae Tehana de la Cortuga after the fire. F. pinkish.
	3311. Chemaecrista rotundifolia (Pus) 3312. Phiradendrom undulatum Eichl. 3313. Hexisea bidentata Lindl. 3314. Pheseolus linearis H.B.X. 3315. Aristida capillacea.

		March 21 = 1911.
, Ke	3318 Borreria tenella [H.B.K.] E. & S. Rubiaceae	Gabana de El Boguete. Fr. white
2	3319. Declieuxia mexicana S.C. Rubiaceae	Talana de El Bognote. Fr. white
4 4	3320. Hypericum gnidioides Seem.	Talana de El Boquete. Pr. yellow:
₹.	3321. Mimosa somnians Humb. & Bongel. Mimosaceae	Llana de El Boquete. Fl. pink.
. As	3322. Clethra lanata Mart. & Gal. Clethra ceae	Galana de El Boquete. Fr. Flanca. A tree
	3323 Miconia argentes (Sw.) DCMelastimal.	Tohnas de El Boquete y la Cortuga, a mall tree with flat worn. Characteristic.
	3324. Andropogni lexcosta chegus H.B.K. Graminae	Sahanas de El Boquete y la Cortuga, after the fire.
	3325. Davilla Krintlin Silleniaun Chumico	Sabanas de El Boquete. Everywhere. Ft. yellow it

		March 23 H
Ra	3326 Myrtaceae Arraijan	March 23 H Tabana de la Errtuga. A little tree. Fl. white.
	Arrayan	
2	3327 Ciper geniculatum Sw. Piperaceae	Sahana de la Cortuga. huall, erect tree, 4-5 m. high.
. 4	3328 Duranta Plumieri Jacq. Verbenaceae Lora	Bajo Boquete, along road, also in savones of Cortuga, Macano,
	Lora	Higo, etc., forming at times an important element of the woody for ma.
2	3329. Lippia geminata H.B.K. Verbenaceae	Bajo Boguete. Tr. purple. Plant very aromatic and odrons. a
	Mastranto	shrub.
	2220 & Myrotylon ellifeticum (Clas) Kunts	Baio Boquete, alma road, a tree, thorny, variable in nie.
1	3330 Aglesmen rotylou ellifeterum (Clas) Kuntze no. Roseto	Bajo Boquete, along road. A tree, thorny, variable in nige. It. freenish.
		Former of & Fort on Many Caloling of the field
1	3331_ Epidendrum atropurpureum W : Orohi da una Gan Jose', er Semana santa.	Tavanas de la Cortuga, Macano, Caldena, etc. on timber hell (nance, chumico, etc/commen. Lepels brownish purple. Labellum pink
1	3332_Pleurothallis Wereklei Shelir. Orchidaceae	Tavassas de la Entiega and Caldera. Te. red.
4	3333	Araind Caldera, a vive. Fl. greenish.

		March 21 st
ų	3334 Myrtacere	March 21 th Arund Caldera; a mall tree.
.2	3335 Englina acapulsenies Steed Myrtaceae	Savana de la Cortuga; a small tree.
. 2	3336. Lypia umbellata bar. Verbenaceae	Caldera Bridge; a small tree. 3 " high, pyramidal.
2	3337. Bolygala Pittieri Blake (type) Polygalaceae	Salana de la Corriega. Fl. pink. After the fire.
4.	3338	Tatana de la Cortuga; after the fire.
	3339 Comporitre	Sabana de la Cortuga. Fl. purple blue
34	3340-Briduin Molle Bertol, Myrtaceae	Tatana de la Cortuga. El mall, twister tree. Fl. white.
		Telana de la Cortuga. A musll tree

4	3342. Borreria tenella (H.B.K.) 6. & S.	Ruhaceae	March 21-22th 1911 The sevences, from Boquete to Caldera, after the fries. F. white.
2	3343. Levarhia Treite de Prince	· . · . · . · .	Savana de la Tortuga. A small tree, 4-5 m. high.
• 4	3344. Rheedia edulis Tr. The Satra; fr. edible	Rect.	Woods interspersed in savanas, and along rivers. A pyramidal tree, 5-8" high. Fl. white (?). Front crange-yellow, hanging. Savana de la Cortuga
rl.	3345. Phoradendrm latifolium (hv.) Griseb.	Loranthe ceae	Tavana de la Cortuga, en Curatilla (?).
Ϋ́α	3346. Tims Oerstediana Mig.	Moraceae	Caldera; a tree . (Olch. moter.)
	3347_ Lieanice platypus (Hemsley) Fritsch. Zapote	Rosaceae	Caldera, a tree, 12-15 m high.
	3348. Tiens costaricana (Liehm.) Miguel	Moraceae	beldera; a tree (al cohof. mater). Fr. yellow when size.
	3349-bluna munor L. Cope chico	Sic. in	Caldera; a bound tree.

		March 22th
,	3350_Protium glabrum (Rose) (Duiea glabra Rose). Burseraceae n.v. Chutra	Caldera; a small tree. Fl. pale yellow.
1,2	3351. Hymenaea Courbaril G. Leguminosae Alganobo	baldera; a tree.
*	3352. Onciduin Baueri Lindl.? Orchideces	baldera; epiphytie. Racome long; fl. yellow & honon.
2	3353. Lonchocarques velutiones Benth. Leguminesae Gullote?	Caldera and everywhere on road to Davis. A much tree, fl. derk purple.
Aa	3354 Erythropylon amplum Benths.	boldera; a small tree.
	3355. Aspasia epidendroides Lindl. Orchidacene	Caldera; epiphytic; sepels bruvnish zellow. Labellum yellow with purple spots.
	3356- Gmilar domingenin n.v. Cormillo	Caldera, a vine teaching in hoshes.
	3357. Pheradendren latifolium friseb. Lorantheum	baldera; epiphytie.

, L	3358_	Pilix	March 22th Puente del Rio Caldera, near Caldera. a tree fern, up to 2m. high.
2	3359- Ficus velutina H. B.K.	Moraceae	Galana del Macano, between Caldera & Davis. A lerge tree.
**	3360_ Vismia		Sabana del Macano, between baldera & David. A small tree. Potals yellnich white & papillose inside.
Z.	3361. Arraijan	Myrtacene	Takana del Macano; between Caldera & David. hurl tree; fl.
Aa	3362. Hydrolea spinosa		Totana del Macano in dried bed of a rivulet. The azure Alue.
	3363. Rylobium stachyobiorum Houst.	Orchida ce as	Ealdera; epiphytie.
	3364.	Schophulariam	Savan as de El Boquete. The purple. Like Crisus, het entire leaves
	3365. Tebennementum acapulcensis Miss. Huevos de Gato; jasmin de Monte	Apoeynaceae	March 25 th Oround Davis; a shoul ar a musel tree; fl. white.

, Lander of the control of the contr	3366. Cestrum laurifolium L'Her, Solanaceae	March 25th Armno David. A small tree or a should. The greenish white, yearing apparachly toward evening, worms. Leaves and wood with had voir.
2	3367- Desmogsis bibracteata (Robinson) Safford Uninaceae	arund David. a small tree. Fr. sulphar yellow. Fr. red. at natural,
٧٠.	3368. Guazuma ulmisolia tomentosa Schum. Sterenliacen	Arund Saris. A meduim rized tree.
ą.	3369. Watsonanira tinajita/Lem./O.K. Rubiaceae.	Avand David. A Treelet. 2-4 m. high, suffrites unt. Leaves junnathis
N. P.	3370 Guuraceae??	Aramo Davis. A tree. Pr. while.
	3371. Posogueria latifolia R. & G. Rubiaceae Huevo de mono	Armod David. R. mall tree. Th. white. Fr. yellwowhen ripe.
4	3372. Andira chiricana littier Leguminisae Harinillo o' Tarinillo	Armend Savis. a mid-rized tree. It. premiselete, perfele; overy hairy all over (Only species with this character reported from 6. a.!)
	3373 Drepanocarjus lunulatus (2-F.) Mey. Le guminosae	March 30th Pedregal, in driest places of the mangrove edge. A spiny Trustet. Pt. parfile

K -	3374	March 30th Redregal de Savis, on dry edge of mangrove formatin. Fl. pale jumple.
2	3375- Anona glabra Anon de puerco, Fruits Earge, not editle	Pedregal de Davis. A small tree. Fl. large, retals thick, yellow inside. Grows on margin of mengrove norms.
*	3376. Iviannia Initida Jacq. Verbenaceae	Pedrezal de Davis, in the mangrove wamp. Il mall tree!
*	3377. Serophulanau	Pedregal, in damp places on the margin of the margine. To purplish pick
Åa	3378. Acua	March 312t Puerto Remedios, in high ground. A treelet.
*	3379. Serjania atrolineata Sauv. & Wright; f. 2 Sepindecene lancifolia Radlk.	Irand Parto Remedios. A vine. P.P. white.
	3380_	around Puerto Renadios. a mull Tree Fr. red.
	3381_Peperomia	Immed Pierto Remedios, in tree trunks.

3389 - Griplanis

3391. Epidendrum radiatum Lindl.

Les de l'étalle prévience

3392 Epidendrum indet.

3393 Warsceweizella discolor Robb. J.

3394 Sylastiem stachyobiorum Henest.

3395_ Rodriguezia secunda H.B. IK.

3396

339 X_ Chridium

Orchi daceae bibbra from Mrs Gaillardo well. J. Bull redunculate, alongated, moroth. Tepals pronder how pet) and 2 outer p. greenish white (tighter inside), turning later to pale yellow. Labollum white, juple lines inside (Ft. in alcohol). Raceme of fl. in axil of leaves

Or chidaceae bulera from Mrs Gaillard's coll. J. Tenals and 2 outer petals greenish yellow At base, brownish surple with yellow margin at tips; wings yellow, darker at edge; la.

Whom yellow; frilled and darker on margin, with purple lines. Evelen caps ir worish yellow

Or chi daceae bulehra, brught from bosta Rica (Mrs Grillerris wel.). Labellum purple.

Mer parts morting purkish white. No bulb.

Orchidacese vuletra Fr.m Mrs Gailland coll. J. Fl. white . Legaloforonder and 2 outer p. promish while file him invides terming Later to pale yellow. Lefellow while, marple lines

Orchidaceae bulebra (from mo Gailland coll.; . Pl. numerous, pinkish purple.

buletra (from Mrs Gailland's coll.). Bull perinneulate; racome of fl. Lasal. Sep. but pet greenish lines with purple. Labellum large yellow, with a purple lines unter and two prominent gellow rits on Emget, axis. 2 pollinia. Origin. fr. Jotus & Sasana bulehra / from Mrs Gaillard coll. | Sep. & pet. yellow, presepte sported. Lubellan Was, simuate or neb-lobulate on margin, bright yellow inside, whole ontide. Seems to be the comment of.

,		
R1		0
apr	-	0

3398. Epidendrum	atropurpureum W.
Gemana santa =	

Or chi da ceae Irund Panama, ummm. Mrs Guilland wel./.

3399. Timo religiosa L.

Moraceae Parque de la Catedral, en Panama. Note long tips in leaves. Frobably imported from a district with abundant rain.

3400- Nelsonia hrunelloides Lam. O.K.

Aconthucer buletra, common in waste places. The pale jumple.

3401 Lockhantia Pettieri Gehltr. n. sp.

Or chi dacere Culebra (Mrs Rousseau's coll., vrigin. from Bohes). Hens short, leaves quite diorigint. P.E. few, rather large, pale yellow. Fr. roundish.

3402 - Epidendrum atropurpureum W. Gemana Sunta

Prohidaceae bulbra (Mrs Rousseaus collection, orig. from savana de Canoma). Sep. & pet. bounish purple; babellum pale juink, with purple stries at middle, wings pale juink. Pull ovate, laye, mosth, leaves mortly 3, longer than in 3381.

3403_ Epidendrum imatophyllum Lindl.

Orchi dacea bullra (Mrs Rouseaus collection, originally from sovana de Pansone). Hous traight 10.100 un. high. Pl. pink, paler outside.

3404_ Epidendrum Henrici Gehl.

Prehidaceae Juletra Mis Russian's coll., origin. fr. Costa Rica J. Bull clongite, 3 lesses. up hoad lancolate, asiculate, casinate, yellow intoide, purple-spotted mear tip inside. The pet, never, aprintete, yellow and purple lines

3405. Laphyglottis unguienlata Ghltr. n. np.

Brehidaceal bullon / Mrs Rousseen's well, wigin. from C.R.) - Te. pale lavender.

		apr-8
	3406_ Discrium	Orchidaceae Culebra Mrs Rousseaus vel., vigni. from). Fl. white.
2	3407. Campyloientrum stenanshum Saltr.	Prehidacere bulera (Mrs Russeaus coel.) - Fr. white).
Y	3408. Oncidium colo De la	Orchidaceae belera Mrs Russeaus coll.).
\$ Company of the comp	3409. Anona Spraguei Sufford.	Annonaceae Jamboa. A tree 5-6 m. high. Leaves soft, timestise. Betats thisk.
An	3410_ Siper hispidum gamboanum	Piperaceae Jamboa, in dry places. A showb, 2 m high
	3411_ Galmea scandens [2.] D.C.	Composite Gamboa, on dry hills. It. pale yellow. Eurising or trailing mheshes.
	3412. Adenaria floribunda H. B.K.	Lythraceae Junton, in dry hills. a diminute treelet. I'm high / to 2 m). The white
	3413. Rodriguezia secunda H.B.K. = 3395.	Orche daceal Jambra, commen en brescentia bujeta

· · · · · ·	3\$14-Psychotria carthaginensis Jacq.	Ruhiaceae	Jamboa, a ummen shrub ista less grund sling over. The white.
Q	3415. Theretia Ceruviana Per	s.) Merr	ancon, in grands. Fr. yellow.
**	3416. Comarindus indica G.	Caesalpiniacus	Hospital grunds at Anem.
**	3417- Lylopia frutesuns		Hospital Grund at Ancen. characteristic for savanas and
*	3418	Euphorhiaea	Bohio, in meadnos.
	3419. Anseardum Rhinocarpus Dle. Espare		Bohio. A tall tree, characteristic of the tower regim. The
	3420	Orchid.	Bokeo, on Mango tree. Fl. white.
	3421- Vittaria	r,	Bohio, on Mango Tree. Hanging.

K-	3422. Polypvolum	Bohio, m Mango tree
2	3423. Gemolias lutea L. Ana cardincene.	Bohia, a table ince. The white.
*	3424_ Anthurium rigidulum Schotl. Araceae	Bohio, on Manys tree. Frake white or purplish white. Findis
rts.		Bohio, in Mango hee.
,	3426_ Paspalum orbiculatum Poir. Grammere	Boheo, vie ditch.
*	3427. Ghiranthes acaulis bogn. Orchidaux	Ground Calebra, cultivated by Mrs Gailland. April fl.
4	3428. Zingiberaceae	Toultivated in Mrs Gaillard's garden at Culchra, brought from Jamaica, and likely to spread. It May, perign white, washed with
	3429 Dracontium Les haced exchanges for the series of the	Around Culebra, but cultivated in Mrs Gailland's garden. The short istemmed (Kept in mull paper dag.) Leaves & 70 cm. high. the petiole make-like, the limb multi-palmato-lobate.

· · ·	3430. Bychotria carthaginensis Jacq. Rubiaceae	May 6 Orand Calebra, a simb or a small tree. Top. white. [Cot. Aichard].
2	3431_Calycolpus glaber Berg. Myrtaceae.	Around Culebra, a treelet, Si. large, pale pink. [Con. Grilland
*	3432. Cupania Stemanni Tr. 8 Fil.	around buletra. A small tree. Ir. 6-carpellate, velocity, yellmish red.
rh.	3433. Meibomia supina (hv./Brittm) Leguminosae	around Culabra, in partures. It pinkish purple.
**	3434. Graminae	Armind Culcha, in pastures, very common.
	3435_ Paspalum conjugatum Berg. Graminae	Armed Culebra, in partines, rather scarce. Likes elve together, armate. Culms very rander.
	3436 Paspalum cinquigatum Berg. Graminae.	Ground bulebra, in partures, very immm. Gickes broadly divinicate, whose their.
	3437. Posogneria panamensis Rubiaceae	Grand bulehra, remnant of forestorio partine. Fl. white; fr. yellow at maturity. Breshy tree ± 2.50 high. Photo.

E page 18 page 18

	3438 Icotto acutangula (Moy). Lauracere	6, 1911 Ormand Culebra, in parties. Semment of oil frest. A tree I Im. high, with rounded crown. M. yellowish green.
Ą		Armind Culchra in partines, rather scarce.
**	3440 Leptochloa virgator Beauv. Graminae.	Urund bulebra aling roads.
*	3441. Panicum hirsutum Sw. Graminae	Arnund bulehra in how bushy places along Railway. Talous I. 1-1.20 high.
	3442 Chaptalia mitane (L.) Valattomposita	arund bulebra, along roads.
	3443-Elleanthus Brenesii Ghltr. Orchidasene	Tromad Culebra, but cultivated by MMes Gillard & Roussease. Il. melphur yellow, in cluding basal brack.
	3444. Cyperus Luzulae Roth. Cyperaceae	- Urumd Culchra, wet places in partures
	3445. Piper dumeticola panamense 6.86. Piperaceae see 3510	May 12-15 the 1911 Torests on dry line rocks around Alajuela, Middle Chagres. A small tree, ± 6m. high, 25 cm. diam at base.

		May 11-14, 1911
پ	3446. Polypoolineene	In high trees in dry frests around Alhajuela, alt. 30-70m.
Z	3447 Basanacantha spinosa [Jacq.] Schum. Rubiace ae	Firests of the lime hills around alhaquela (30-10"). A small tree, dividing from the tase in several stems, & & fent arkwise. Ft. yellmin.
**************************************	3448_Macrocnemum glabrescens (Benth.) Wedd. Rutiaceae Alazano	Torests of the dry time hills around Alhajuela. Characteristic. Lee Jorner specimen. Very shindant.
- 4	3449_Capparis verrucosa Jacq. Capparidacese	Forests of the dry sime wills around tilhajuela [30-70"]. A samb.
*	3450_Ditaxis macrobotrys Par & K. Hoff. n. sp. Eyshervia ceae	Forests of the dry time field wound Alhaquela (0-70m). A grega- rins thrub. Fruits greenish, hanging. Lins-bris.
-1	3451 Compositue	Fresto of dry line hills around Alhapiela (30-70m)! Gruel.
•	3452-Elytostoma ishmicum Pitteir Bignoniauexe.	Armend Juan Mina. Common also in all the firests of the Chages, up to El Vigia. A vine. Fr. pink.
	3453 Miconio louchophylla Melastomal Naud	Around Juan Mina, on the Chagres R. above Eraces. Il masse tree on edge of ferest. Ft. white.

			May 11-14
•	3454_ Psychotria horizontalis Fiv.	Rubiaceae	Forests of the ray wine rills or mind Alhajuela. A. Eno shrub. IT. white. Commen in sons-tois.
	3455. Crataeva Capia G.	Сарранілаши	Frests of the dry wine nells around Alha piela. Rare. A tree + 15m.
	3456	(mel)	righ. Trunk erect. 10-12 m. tugh, 35 im. diam. Book grayish-black, toor
**	3456. Passiflera ceriacea juss.	assifteracen	Twests of the dry time wills armed Alha juela, trailing on his. Leaves with glands mapper margin (+ Indewire), jetiole 2-glandalate. The
*	3457 achras calcidola Pellie nispero	Sapotaceae	Forests of the dry line hills around Alhaguela. Rather com- mm. Le note.
.	3458	Melastomaun	Torests of dry lime hills around alkajiola. Thub. T. spicate, white.
	3459. Gustavia superba Miers. Membrelo	Le cyshe da ceae	Firest of dry lime hills around Alhajuela. A small tree / up. to 8.10m. Characteristic and very abundant.
	3460. Stenorhynchus afshyllus Lindl.	Orchidaceae	Thesto Savana de Alhajuela, 60-70m. above sea level.
	3461 Gesgrrhynchuim		Savana de Alhajuela, 60-70 m. atwe sea-level. Te. gelden zellen

			May 11-14, 1911.
٧	3462_Axmopus compressus Beaux.	Grammeae	Satana de Alhajuela, apparently very commen.
72	3463. Chaetochloa mics migning.	Graminae	Grhana de Alhazirela. Esre.
*	3464	Tridaceae	Tabana de Alhajuela. H. white.
4.	3465-Cassia biflora L.	Leguminosae	Tahana de Alha juela. Fr. golden yeller. In edge of frest.
*	3.466. Souroubea pilifera (Fr. & St.) Wittm.	Marcgraviaueae	Takana de Alhajuela on the edge of the firsts. A vine, with green himers.
*	3467 Peperomia	Si peracese	Rocks along Chagres R. at Alhajuela.
	3468_Celtis trinervia Lamarck	Ellmaceae	The steep slope along R. Chagres at alkajuela. A mall tree.
	3469	Rubiaceae	Firests on dry line hells Alhaguela. A low bush, with mange pury fin.

¥		Terests in dry time hills around Alha juela. Commen and firming ex- tensive thickets.
Ą	3471 Componta	E Toresto on dry time hills around Alhajuela. The clear places along trail.
*	3472	Forests in dry line hills around alkaquela. A shoubwith white fl.
ke	3473_Basanacantha lasiantha Handley sp. nov. Rubiacea	Forests on dry line hills around Alhajuela. A mall tree. Ft. large, light yellow.
	3474 Cavanillesia platanifolia R. & P. Bombaca Cuipo	Soresto in dry line hills armend Alhajuela. A large tree. Lee note. Also at Pedro Miguel, in hills near Mamei, etc.
	34,75 Erythroxylon mexicanum Erghnoxylon	ae? Tovests on dry hime hills around Alhapiela. A small tree. F. greenigh.
	3476-Helicteres quazumit 4. H. X. Sterculiaien Guazumillo	e Forests in dry line hills around Alhajiula. A bushy shoul.
	3477. Vitex floridula Suches. & Walsers. Verbenau Mill	Forests on dry lime hills around Alhajuela. A large tree. Leaves 1 first 3. foliolete, then simple. Th. sublatiate, purple, st. 4. Fruit a Huish Hack berry, wis, 2 14 mm. long, 10 imm diem.

			•	11-14 May 1911.
4		3478. Paspalum panieulatum L.	Graminae	Gabana de Alhazuela.
Åв		3479	Commelyneure	Takana de Alhajuela. Fr. azure-Alue, ningle
46		3480 Dichromena radicans Schl. & Cham.	Cyperacere	Safana de Alha piela.
Y.		348/ Antirrhora trichanta Hemsl. Candelo	Bulgolaes?	Trests m'drig line kills armed Alhajuela. A meduin sijed tree. Il. white.
4	20	3482	Brimeliaieae	Trests on dry line hills armen Ilhajuela, Gregasius in
		3483		Savana de Alkajuela.
		3484 Bletia verecunda R, Br.	Orchidu.	Tavana de Alhaguela. FP. hink.
		3485- bissus	Vitaceae.	Twana de Alhaquela, hinting on herhes.

3486. Gendias Circelo de	purpurea L.	Ana cardia ceae	Satana de Alhapiela, on edge of inst. Fr. gresnich. Fruit † 2 m. long, 1.5 m. diem., red.
2 3487. Smilan			Trests on dry line hills around Alhajuela. Etimbing on high trees.
3488_Helicost Berba	gles latifolia Pilter	Moraceae	Torests on dry lime hills around Alhajuela.
3489 Jura Bejuco piea	der	ogn Encertition	Forests on dry line hills armed Phazicela. Chinching on high trees. The fire red.
3490		Gemeraceae	Toests on dry line, hills around Alhajuela. The low places.
3491_Aspasia	epidendroides Lindl.	Orchidaun	Tiverts me dry home hells around Alkajuela.
3492		Prehidav	Thests on dry line hills around Alkazuela
3493		Puliaceae	Frusts on dry line hills around alhajuele. A small the. Th. white.
		·	

¥	3494_Bacehanis	Composita	May 11-14, 1911. Tahana de Alhajusla, medge of front.
, v	3495 Brasia	Prehidacea	Firesto in dry wine hills around Alhajuela Griphytie.
4	3496 Epidendrum fragrans Sw.	Orchidaceae	Forests on dry since hills around Alkajuela. Epiphytic.
2	3497		Firests in dry time wills around Alkajuela, in right places.
4	3498 Sapeim	Cupherbiaceae	Tirerts' in vory unie tills around Alkajuela. Yung leaves.
	3499		Terests on dry line hills around Alkejuela. A small, tent the, several stems on one trunk. What turning puit in the break
	33500		Forests on dry time hills around Alhajuela.
	33501. Cabebuik Gragacan Hemsl. Grayacan	Bignoniauu Mell	Trests on dry line hills around Alhaguela.

3	5	0.	2	_	

Unonaceae? Frests along P. Chagres, above Olaquela. A small tree in shady Maces. Fruits mooth, purplish outside.

3503 Capirira d'agrensis Pit. sp. nov. " Annier diater Frests along R. Chagres, above Alhajuela A tree + 20 m. high. Trend Im. high, 35 cm. diam. Hood hard.

3504

Twests along R. Chagres, above Phajuela. Epiphytic. Fraka freenish white. Spedia pale purplish gray.

3505 Virola Warburgie litt. sp. nov.

Teresto along R. Chagres above Olha juela. Erank straight, 25-30 cm. Mick, ramification radiate, crown pyramidel. F.

3506

Frests along R. Chagres above Alhajusta.

3507 Pereiskia

Forests along R. Chagres where Alhajirola, in thedy places.

3508

Compoundaire Torests along R. Chagres above Alhajuela. F. sinkish red. Fr.

3509- Cupania latifolia Kunth.

Torests on dry, line hills armed alajuela; Il middle ujed tre

3510. Piper aduncum L.

Piperaceae

First on dry, line hills around Alajuela. The note with no 3445

3511_Dalbergia darienensis litter n. sp. Leguminosne

Ulmy Rio bhagres, n edge of frest, left bank, above Albegiela.

35/2 Alseis blackiana Hemsl.

Rubiaceae

Trests on dry, line hills armed Alhajuela

May 11-14, 1911.

3513. Eroton billbergianne Muell, Eugherhause Bagnero

Firests on dry since hills ermed alkajuela. A mall tree. Il. lays for the genus, white.

3514 Conejo Mystaceae

Frests on dry finice hills around alkajuela. Amuel tree. IP. white, very numerous.

3515. Zantkoayium setulosum P. Wilsm y.n. Rutaceae Alcabu, acabu Rocky, enposed slopes along thagres R. where alkajuela. A tree with thorny trunk.

3516. Myrsingcen. Start Start

Rooky, exposed slopes along Chagres R. above Alkajuela. Thrus; fl.

3517. Alibertea edulis A. Rich.

Rubiaceae

Rocky, exposed slopes along Chagres R., a five Alkapiela. Thrub; fl. Makite.

		May 11-14,1911
35/8. Diodia sarmentosa Lo.	Ruhiaceae	Rockly slopes along thagres R. above Alhajuela. The white.
3519 Hiraea oborata Uldzu.	Malnizuirane	Rocky slopes almy chagres R. aswe Alhajuela. Exter with land word A Villan a prine.
3520. Gwartzia panamensis Benth. Cutaro	Leguminosae	Rocky stopes along Chagres R. above alha wala. A middle rized tree, with mosth bark and hard wood. It. hale yellow.
3521. Lindema rivalis Bensh. Livio de pria Livio de reña	Ruhiaceae	Rocky slopes along Chagres R. where Alhajuela, always near to the river surface. to rela tube rink, notals white
3522. Prolium sessiliflorum (Rose)	Burgeraceae	Rocky slopes along Chagres R. astove Alha juela: A small tree.
3523_	Filix	May 20-23, 1911. Baboga Island, in shady places on lower slopes.
3524. Guazuma ulmisolici Lam.	Hereuliauere	Caboga Islands, along beach.
3525 Eugenia sericiflora Bent		Caboga Island, common on the northern side, from the back to summer

			May 20-23,1411
4	3526-Psychotria hrrizontalis Sw.	Rubiaceae	Caboga Island, in bushes. A showb with white flowers, geen al-
4	3527. Psychotria hrvigmtalis hv.	Rubiaceae	Taloga Island, common ni shady huskes. Ft. white
4	3528	Rubiaceae	Catoga Island, bushes of the lower tell. Fr. white.
A.	3520. Piper taboganum 6.86.	Piperaceae	Tuboga Island, in shady hishes in the liver stopes.
7	3530	Urticaceae	Caboga Island, a skrub in bushes along the beach.
•	3531	Rubiacere	Taboga Island, a shoul or small tree in hishes around suntamion. F. white.
	3532 a. Psychotria herizentalis hv. 3532. Eugenia ærspulsense	Ruhiacene Steud,	Tatoga Foland, a small tree (or a shoul) along the beach.
•	3533 Oscobilla		Catoga Island, a weed in evaste places and aultures. The white.

3534-Boerhaavia viscosa Lag. & Rodr. Myctayynaveae	May 20-23, 1911 Taboga Island, a weed in field and waste places. Fr. purple.
3535. Capparis odoratissima jacq. Capparislaceae Mangle salado	Toboga Island, on rocky beaches, often below high tide level. A small tree. It. white or purple.
3536. Emrnefortia Selruviana Pair Borraginisceae	Tatogu Island, in bushes along the beach, a shoul. Ft. greenish yellow
3537 Bunchosia bilosa HBK Malpighiacene	Taboga Island, a vine? or shoul, in bushes along fort of hills. It. gellow.
3538. Grema Jordán	Cafoga Island, a small tree slong the beach.
353 gMetastelma fedunantare Dan Clockpiadame	Taboga Island, trailing on bushes. Pl. white
3540 Casearia nitida (L.) Jarg,	Takoga Island, a muell tree
3541. Cestrum Yolanaveau	Taboga Island, a subclimbing shub. Fl. greenish whole

	May 20-23, 1911	
3542. Anona Anon	Inonaceae Caboga Foland, a small tree in hishes along the beach. The greenish yellow. Truits squamose 3, edible.	
3543_ Stryclines Kanningi	Rubiaceae Caboga Island, a vine. Pl. white or yellowish white.	
3544 brubia fanamense	Stande. Tologa Island, a small tree. Fr. green at maturity	
3545	Apougnaceae Tetras Island, a milky vine. Lokes of corolla purplish pink inside, whiting white. blimbing on trees not for from beach.	
3546_Posoguerea latifolia (Lam. / R.L. J.	Ruhiavear Caboga Island, å small tree, ummen ni 22 growth frost. Ft. white.	
3547- Olcalypha	Eughorhiaua Caboga Feland, in bushes arrund sanitarium. A small tree.	
3548_ Dorstenia	Moraceae Catoga Island, in shady places along the coast.	
3549 Dicydeine Tannifolien	Taloga Island, a vine. Trailing on husbas. The greenish	

			May 20-23,1911
_ •	3550. Piper tuberculatum Jaeg.	Siperaceae	Caboga Foland, in heshes of the burer tell: a small tree.
	3551	Compositae	Estaga Felond. bultivate Spields, m' sunny places.
			Tuboga Foland,
*	3552		Bushes in old cleanings, on sunny slopes. Taboga Fland,
*	3553. Piper marginatum Jacq.	Piperaceae	Junny cleanings on slipes. Oderiferms. "Taboga Island,
~~	3554. Loinus	Vitaceae	Tunny cleanings on slopes. Margin of leaves purple. Fr. ved. Leaves simple Taboga Island,
	3555	Cupherbiaua	bultivated field on sunny slopes. Tatoga Gland,
	3556. Justicia carbhagenensis L.	Acantha ce ae	In sunny exposures en edge of cultivated field. + 1 m high. Fl. purple. Taboga Island,
•	3557	Filies	baboga Island, climbieg om husbes, in sunny engeneres.

	3558 Melothin quadalespensis (Spreng.) Cogn.	6 u curbitaveae	May 20-23, 1911. baboga Island, an sushes on muny hills. Fr. mall, yellow.
	3559. Cupherbia		Valoga Island, in cultivated fields.
	3560 Priva lappulacea (L) Per,	Gerophulaniaceae	Taboga Island, in cultivated fields: Fr. pale surple. Fr. sticky.
	3561	Violariaan	Toboga Island, a weed in cultivated fields. For white with jumple lines, or whilly jumple.
	3562. Cuphirha	Cuphorbiaceae	Tuboya Island, a weed in cultivated fields. Fr. greenish
	3563-Eupherbia	Cupher hiacese	Taboya Island, a weed in cultivated fields. Ft. white
•	3564. Leptochloa filisormis Beauv.	Graninae -	Tuboga Island, a weed in cultivated field.
	3565_ Axonofus	Grammae	Taboga Feland, in suvanas.

May 20-23, 1911 3566_ Rynchospera globosa [4.B.K.] R. & S. Taboga Island, in savanas. Commm. Fr. yellwish white Cyperacene 3567 Miconia albicane (Sw) friana Melastimetauae beloga Island, a low shoul on edge of savanas. Tologa Foland, on rocks and demudated places in savanes. Tr. yellow. 3568 3569_Pamiflara Passifleraceae batoga Feland, in bushes on edge of savanes. Fr. white with purple lines 35.70. Byrsmina crassifelia [L.) DC. Malpighiau Tuboga Island, a small tree, in histers on edge of savanas. The gellow. 3571. Cephrosia nitens-bracca nitens (Bench.) Le guminosne Catoga Island, in savanas. Pl. vink. Tatoga Island, in savanes. Fl. very large, pale purple 3572_ Clitoria guyanensis (Publ.) Benth. batoga Island, a shoul on edge of savanas. Fr. ovoid-elingate.

3574-6issus salutaris NOK. Vitaceae Tuboga Island, in bushes in edge of suvanas. Levis 3-foliolate, with uple margin. Fl. red. Tapindaceae Taboga Island. A small tree, graving from share to summit. For reddish 3575-Malayba glaberima Radlk. 3576. Rynchospera cephalotes L. Vahl. beloge Island, in shady firests of suthern slope. 3577 Cliderus rulera (aubl.) Mirt, Melaslimetaure Vodoge Island, in savanas. Fr. pinkish. Taboga Island, in savanas. Pl. white. 3578. Declieuxia menicana D.E. 3579 Stignashyllow ellipterum (HOX) Jus Catoga Island. 3580. Sichromena ciliata Vahl. baboga Island, in savanas. baboya Island. in savanus. a low shoul. The white.

3582. axmopus

Graminae baboga Island, in savanas near the summit.

3583-Hyptis lantanifolia Va

Toit Latiatae Todoga Foland, in savanas. Fr. liclac.

3584_ Paspalum pectinatum

Graminae Taloga Fland, in savanas

3585. Adianthum

ilices baloga Island, in shady firest of southern slope, near to ridge.

3586. Mabea

Eu sherbiaune Taboga Island, an edge of firest. A small tree. Fl. pale green.

358 J. Lylopia

Anonaceae Catoga Fland, on edge of upper frest.

3588. Gelerca pterota Prest.

Cyperaceae Takoja Folond, in savanas.

3589

Compositae Erboga Island, in savanas.

May 20-23, 1911. Filices Thoga Island, on edge of savana. 3590. Compositae boga Island, in bushes in edge of ouvana. The pale tiche. 3591 Chubia a sen broga Island, in bushes. Il small tree. Ft. yellnish green. 3592- Guettarda odorata / Jacq.) Lam. Chinaceae Thoya Foland, a small tree, in edge of ravana. Fl. golden, or brown, yellow 3593. Vismia Terophulariaun baboga Island, in savanas. Fr. purple. 33594 Malvaceae. Tetoga Foland, in savanas. Fl. white 3595- Lida linifolia Juss. Le guminosse Taboga Fland, in savanas. A vine. Fi. large, purple 3 3546 Ruhivere batoga Island, in bushes near summiet. A shoul. The crange, yellow. 33597 Palicourea parvillora Benth.

	3598 Miconia lacera (Boufol.)	relastomatrica Hoga Island, in bushes on	northern slope. Evolla pink.
*	3599 Miconia i baquenses (HTB.) Treama		
	3600_ Miconia rubiginosa S.C.	Nelasto mate une laboga Island, in bushes on	nerhere sløpe. A skrub.
*	3601 Clidemia neglesta Don	Melastomataun Hoge Foland, in bushes on	enthern stope. I shrub. Fr. white
	3602	byloge Fland, on edge of f	vest. A smel tree.
	3603_Lariacis compacta Hitche.	Graminae Geboga Foland, in cultivate	Splaces.
	3 3604. Paspalum virgatum L.	Grammae beloga Foland, in artificie	l jastines.
	3 3605	Filices Topa Hland, in old clea	rings.

= ,

May 20-23 911. Rutiaceae Joga Island, in Sushes. a muell tree. Fr. white, very odornes 3606_Basanacantha spinosa [Jaeg.] Schum. Jasmino del mente, jasminillo Passifloraceae loga Island, in hishes. Fl. white. 3607. Passiflora lunata Willd. . 3608 Echites trifida farg. Aporgraceae Hoga Flend, climbing in hister. Efreenish white. Convolvulaare Hoga Foland, climbing in turkes. The pinkish purpole. amarantacese Haga Island, du warte places. 3610 Hoga Fland, climbing in hishes. Fl. pink, large. 3611_ Phryganocydea corymbosa Bur. . 3612. Wedelia Tribbata (L.) Vetche Compositae buoga Fland, on sandy places, aling there. 3613. Allemandon cathartica L. broge Toland, in wol places. It have getten yellow.

		May 20-23. 1911
3614. Avicennia nitida Jaeg. Mangle	Vertena ceae	
3615. Geleria bracteala bar.	Cyperaieue	Eutoga Fland, in tuokes.
3616 Geleria reflexa H.B.K.	Cypericeae	Taloga Foland, in huskes.
3617 Vallrianoides Jamaicence (L) Ku	Vertenacere	Taloga Foland, in shady, wol places. The laye, purple.
3618. Piper trinerve 6. 86.	Piperaceae	Tatoga Fland, In hurkes,
3619	Polypodiaceae	Tologa Island, on altalea trunk.
3620_ Aphelandra pectinata Willd.	Reanthaceae	Taloga Fland, in shally placed. It pink.
3621. Meilomia supina (Lo.) Britton	Legumenrda	Taloga Hland, in partures. Fl. jink.

3622. Paspalum plicatulum Meks. Gramina	e	May 20-23, 1911 Catoga Feland, in artificial meadows.
3623_ Lida acuta L. fil. Malvace	re	Caroga Folond, in waste places. It. white.
3624 Logenia	ear	Taloga Folans, in shady places.
3625 3625		Taboga Foland, Jungus Tab
3626-Panicum faseioulatum Lo. Gramina	e	Armind bulehra_ June 222 1911.
362 J. Grophis americana L. Morace	re	armed bulehra. a small tree, only & A. June 35 1/11
3628. Cupanca sylvatica Germann Gapindas El Selwanni Ir. Tel.	reae	Around Culchra - Rtee - May 20th 1911
		- brect locality unknown, but from somewhere in but. [Mrs Rousseaus coll.].

Å

Costa Rica 1911.

3630. Passiflora coriacea Jus.	Passifliraceae	May 26, 1911. Along the beach between Port Limon and Moin. Emper jorn of leaf and who cation of grands with the plant from the zone. The greenish white
3631	Bignoniaceae.	Along Northern R. R. and beach, between Pinta & Portete, near Limin. A vine, high limber. Ft. white.
3632	Asilepiadaceae	May 27 th, 1911 Bananita R., near foot of hills. Climbing and trailing. Fr. green. with whole margins. Scales (?) fromish.
3633_	Lauraceae.	Bananita R., a small tree with yellow, overmes flowers.
3634	Gramine.	Bananita R., in elantetins.
3635	apoignaia	Bananita R., in shady places. Tr. white.
36.36.	Acanthauae	Bananita R. in shedy pleces. Fl. whilish juryle.
3637.	Golanaceae	Bananita R. in shady places. H. golden yellow. Fr. ovate.

3638_ Gelaginella		May 27th 1911 Near bridge on Banana R. at Bearesem W., on rocks.
3639. Justicia comata Lv.	Acanthaceae	Near bridge on Banana R. at Bearesen W. m rocks. Fr. purple
3640_	Musci	Near bridge on Banana R. at Bearesem W., on rocks.
 3641	Borraginaien	In "letteral corden, near Port Limon. A bushy shoul, ± 2 m. high. Fl. white.
3642. Cytharerylum candatum &.		On "litteral corden, near Port Limon. A bushy should or a treelet." 2-2.5 high. Fl. white.
3643. Piper "	Piperaceae	On "littoral cordon, near Port Linon. R small tree.
3644_	Gauraceae	June 2º 1911. La Balsa de Rio Grande, along river. A small, hushy tree.
3645. Sijsterodendrm evstaniumse Radth. n.v. Loro	Papindaceae	La Balsa de Rio Grande; a large tree, 15-20m. high, branched from near the base.

	3646_		Justil 2°, 1911. La Balsa de Rio Grande, an evect herb; tems migle, fl. white. hanzing.
,2	3647- Pithe colobuin cognatum (Schlecht.) Benth.	Minasaceae.	La Balsa de Rio Grande. A tree along river.
	3648	Maranshaceae	La Balsa de R. Grande Desepiphophec. Fl. white
*	3649	Golanauae	La Balsa de R. Grande. An epishytie vine. Fr. hanging, in
	3650. Dracontium	araiseae	La Balsa de R. Grande. Common along river in rich, shady places.
	3651_ Paullinia Curura G. emend.	Sapin dacere	La Balsa de R. Grande. Shorine . Il. yellnish white.
	3652	Ciliaceae	La Balsa de R. Grande. a mall tree.
	3653	Passifloraceae	La Balsa de R. Grande. A vine. Tolial gland merzinel. Hipales vrange-yellur. Brasts peinstent, umplotely incloning surple fluvers.

3654_ Lonchocarpus		June 2º 1911 La Balsa de Rio Grande. A tree.
3655. Phyllanthus	Cuphorhiaceae	June 4-5, 1911. La Gloria de Juan Viñas. R mall tree. Torunk ± 25 um. diein:
3656. Chidendrum cochleatum L.	Orchidaceae	La Gloria de Juan Viñas. Epiphytic. Calya and outer petals pale yeller. Labellum deep purple with yellow base, and yellow sculptures inside. Fr. wringed.
365 J. Peperomia	Piperaceae	La Gloria de Juan Viñas. Epiphytic
3658	Araceae	La Gloria de Juan Viñas. Epiphytic
3659. Piper	Piperaceae	La Gloria de Juan Viñas. A small tree, with thin, hanging branches.
3660	Monimiaceae	La Gloria de Juan Viñas. A small, shrubby tree with yellur flowers.
3661. Selaginella.		La Gleria de Juan Viñas. In svol places along brook.

	The second of the second secon	June 4-5
3662	Tilices	La Gloria de Juan Viñas. Epiphytei. Fronds zinkisk green.
3663	Cuphorbiaceae	La Gloria de Juan Viñas. A small tree along brook Fl. yellinde white inside.
3664. Dioserrea	Di es coreacene	La Gliria de Juan Viñas. A vine with greenish fluvers.
3665. Tiens crassinscula Wark.	Miraceae	La Gloria de Juan Viñas. A large tree.
3666_	Marantaceae	La Gleria de Juan Viñas, along brook. Hous 2-2. 50 high. Florel racemo, in
3667. Rhamnus capreae folia Schl. Suraznillo	Rhamnaceae.	June 7th 1911. Hacienda Polini, Carpentera, 1400-1500 m. a mall tree.
Suraznillo 3668, Gapium		Hacienda Polini, Carpentera 1400m. a tree with flat, rumbed
3669- Sapium		Fune g th 1911 Havienda Tournon, San Francisco de Guadaluge, 1200 m. A tree, 20-25 m. high, with alongated comm. Manno lanceolate leaves.

ž

June 4th 1911

Hacienda Tournon. A large tree. Levois randed.

3670. Sapium

3671-Passiflora lunata L. Poeoca

Hedges along road at J. Francisco de Guadalaga. FR. white.

3672 - anona

Hedges around F. Jose. A small tree. Lepels yellowish green inside travnish outside.

3673. Ticus costaricana (Lieb.) Mig.

arund San Jose a large tree.

3674 Bursera

arund I. Jose, in hedges. A small tree

3675. Ficus costaricana (Liehn.) Mig.

Moraceae I dround S. José, in pedstures. A large tree,

3676. Golanum

bl Brasil, gorges of the Vivilla R. 800 = June 14th 1911 - Fl. yellow white, large . Planta patula.

3677. Erichilia albiflora E. S.E.

Meliaceae

Vjøs de Agna, in meadnos. F.P. white

3678. bedreh	4
3679-Lopezia	
3680. Lucuma Fapotaceae	
3681. Dipterodendron costariemse Radlk. zp.n. Sapindaceae N.v. Lorito	
3682. Abutilon giganteum (Jacq.) Presl. Malvaceae	
3683. Phyllonoma tenuidens Pettier Saxifragaceae	
3684	

Urvayan

Pjos de ligna, a tree. Fr. white. San Cristobal Tr. pink W. Cultivates arund F. José G. Mora U. Ciorra caliente del Pacifico. luteur de San Jose, 1.50-2m. high _ T. San bristobal 1 Joon. W. 1. Entre S. Eristehal & Cornellello. W.

Yan bristolel, a large tree. W.

368I

n bristohel. W.

3688. Seperomia

" bristobal W.

3689. Peperomia palmana 6. H.

Piperaceae

n bristofal W.

3690. Sapuin oligoneurum Schumann & Pitt. Eugskorbiaceae & Guarros, near Guadaluge - O.T.

3691.

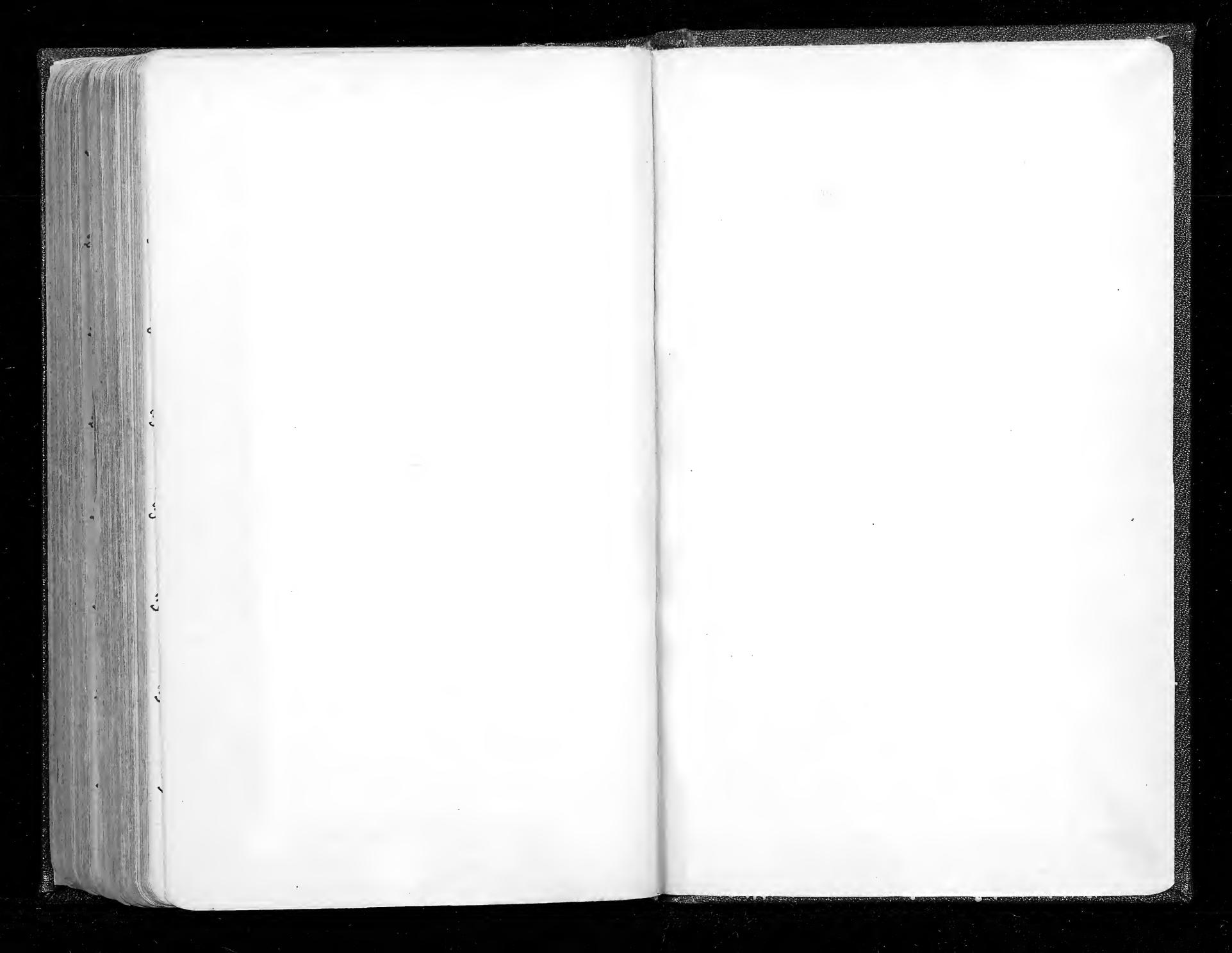
: bristobal & la Palma, small, epigohytic trae.

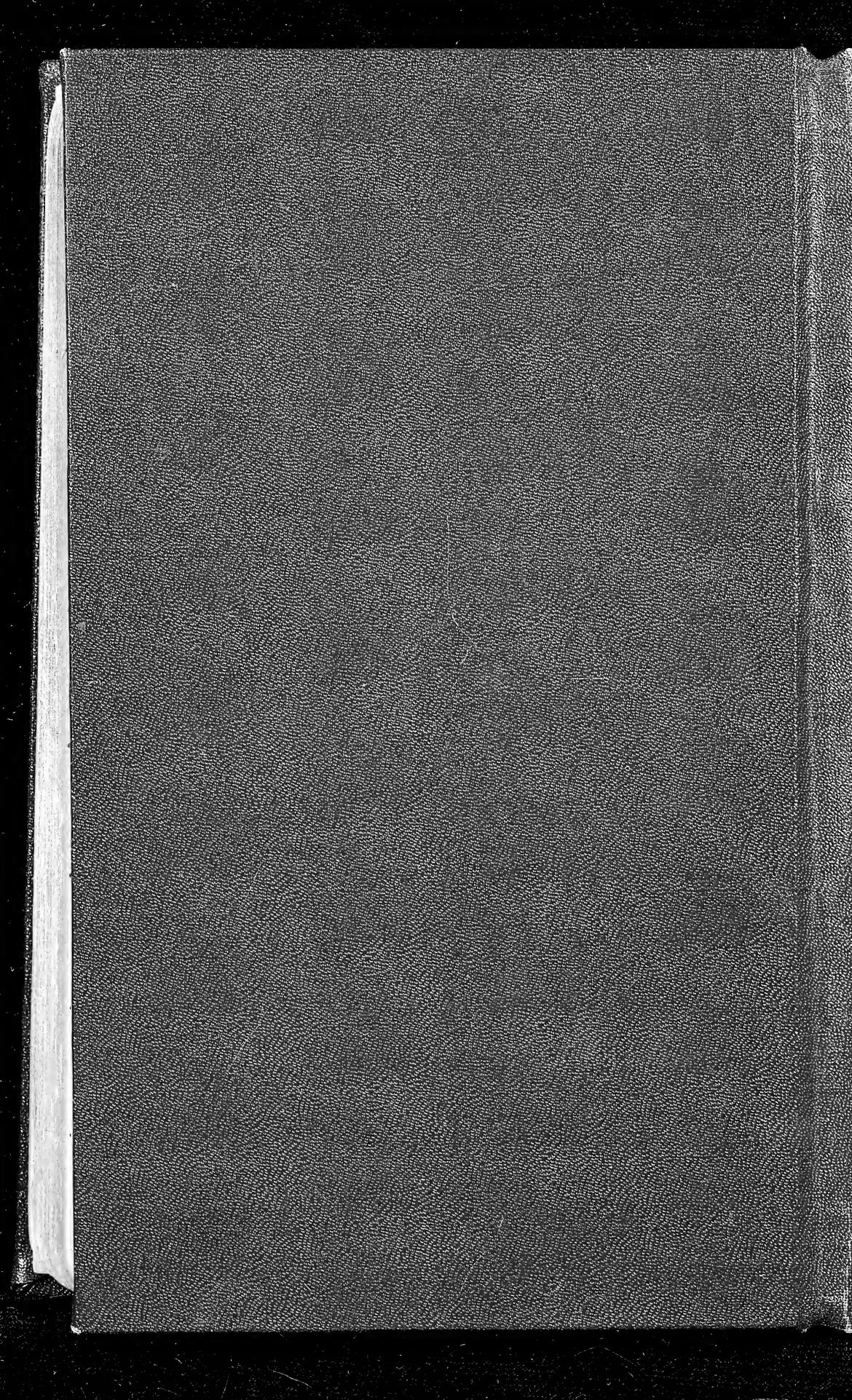
3692. Tillandria costanieuris Mez & Werekle_Bromeliaira

Jeronimo de la Palma. W.

3693. brythrina lanceolata Standley.

: bristobal - Small chooles Tree, with small leaves and greenish alst (gl. éculites lavers de veit).





માં માપણ લાક કરવા કામ મામાં માત્ર કરા હતા. તેવી કાર કાર કરવા માત્ર કરવા છે.